JVC

SERVICE MANUAL

LCD FLAT TELEVISION

LT-26X466/S

BASIC CHASSIS
FU

LT-26X466/S is the model whose paint color was changed based on LT-26X506/S.
Therefore, this service manual describes only the items which differ from those of the LT-26X506/S service manual.
For details other than those described in this manual, please refer to the LT-26X506/S service manual (No.YA333, 2005/10).

MAIN DIFFERENCE POINT

Item	LT-26X506/S	LT-26X466/S
Paint Color	All Silver	All Black

DIFFERENCE LIST

EXPLODED VIEW PARTS LIST (Page 3-3)

⚠	Ref. No.	Part No.		PART NAME	DESCRIPTION
		LT-26X506/S	LT-26X466/S		
	102	CM48269-001-A	---	NOM LABEL	Delete
	103	LC32830-001A-A	---	RATING LABEL	Not supply
	104	GQ20001-001A-A	---	RATING LABEL	Not supply
	109	LC42296-001B-C	LC42296-002A-C	STAND ASSY	Inc.109A/109B
	109A	T0120-01	T0119-02	STAND COVER	Black
	109B	T0014-03	T0014-02	CABLE COVER	Black
	111	LC42002-002B-C	LC42002-004A-C	STAND SHEET	
	124	LC42247-003A	LC42247-004A	LED PLATE	
⚠	126	LC12452-001A-A	LC12452-002A-A	FRONT PANEL ASSY	Black

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No.YA333B
2005/10

SECTION 1
PRECAUTION

Please refer to "LT-26X506/S (No.YA333)" about this section.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

Please refer to "LT-26X506/S (No.YA333)" about this section.

SECTION 3
DISASSEMBLY

Please refer to "LT-26X506/S (No.YA333)" about this section.

SECTION 4
ADJUSTMENT

Please refer to "LT-26X506/S (No.YA333)" about this section.

SECTION 5
TROUBLESHOOTING

Please refer to "LT-26X506/S (No.YA333)" about this section.

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JVC

SERVICE MANUAL

LCD FLAT TELEVISION

LT-26X506/S,
LT-32X506/S

BASIC CHASSIS
FU

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No.YA333
2005/10

SPECIFICATION

Items		Contents	
		LT-26X506	LT-32X506
Dimensions (W × H × D)		68.6 cm × 52.7 cm × 30.8 cm (27-1/8" × 20-3/4" × 12-1/4") [Included stand] 68.6 cm × 47.4 cm × 12.2 cm (27-1/8" × 18-3/4" × 4-7/8") [TV only]	82.0 cm × 60.4 cm × 30.8 cm (32-3/8" × 23-7/8" × 12-1/4") [Included stand] 82.0 cm × 55.1 cm × 12.7 cm (32-3/8" × 21-3/4" × 5") [TV only]
Mass		16 kg (35.2 lbs) [Included stand] 12.5 kg (27.5 lbs) [TV only]	20 kg (44.0 lbs) [Included stand] 16.5 kg (36.3 lbs) [TV only]
Power Input		AC120 V, 60 Hz	
Power Consumption		124 W	186 W
TV RF System		CCIR (M)	
Color System		NTSC	
Sound System		BTSC (Multi Channel Sound)	
Teletext System		Closed Caption (T1 - T4 / CC1 - CC4)	
TV Receiving Channels and Frequency	VHF low VHF high UHF CATV	02ch - 06ch: 54 MHz - 88 MHz 07ch - 13ch: 174 MHz - 216 MHz 14ch - 69ch: 470 MHz - 806 MHz 54MHz - 804 MHz Low Band: 02 - 06 High Band: 07 - 13 Mid Band: 14 - 22 Super Band: 23 - 36 Hyper Band: 37 - 64 Ultra Band: 65 - 94, 100 - 135 Sub Mid Band: 01, 96 - 99	
TV / CATV Total Channel		181 Channels [Reception of channel A-5 ("95" of the TV set's on-screen CABLE channel) is recommended for your TV set.]	
Intermediate Frequency	Video IF Sound IF	45.75 MHz 41.25 MHz (4.5 MHz)	
Color Sub Carrier		3.58 MHz	
LCD panel		26V-inch wide aspect (16 : 9)	32V-inch wide aspect (16 : 9)
Screen Size		Diagonal : 65 cm (H: 57.6 cm × V: 32.4 cm)	Diagonal : 80 cm (H: 69.7 cm × V: 39.2 cm)
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)	
Audio Power Output		5 W + 5 W	
Speaker		6.6 cm, round type × 2 (Oblique corn)	
Antenna terminal (VHF/UHF)		F-type connector, 75 Ω unbalanced, coaxial	
Video / Audio input [INPUT-1/2/3]	Component Video [INPUT-1] 1125i / 750p 525p / 525i S-Video [INPUT-1/2] Video Audio	RCA pin jack × 3 Y : 1 V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω Y : 1 V (p-p), Positive (Negative sync provided), 75 Ω Cb/Cr : 0.7V(p-p), 75 Ω Mini-DIN 4 pin × 2 Y: 1 V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1 V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 3 500 mV (rms), High impedance, RCA pin jack × 6	
Headphone		3.5 mm stereo mini jack × 1	
Remote Control Unit		RM-C1271G (AA/R6 dry cell battery × 2)	

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

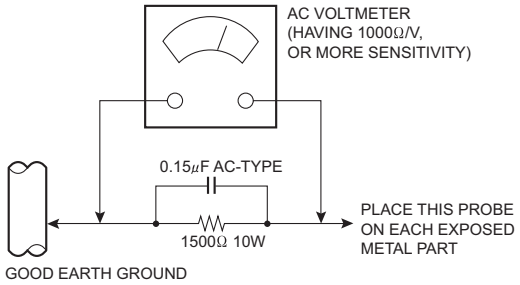
(5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically.Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

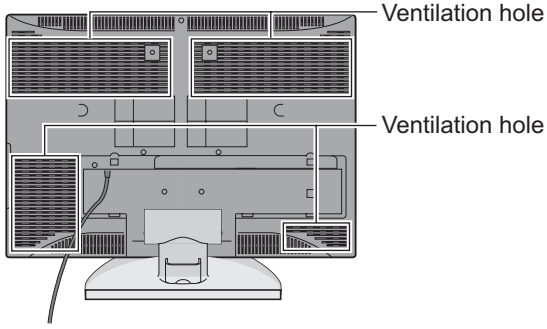


*Diagram differs from actual appearance.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.Install the unit on stable flooring or stands.Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

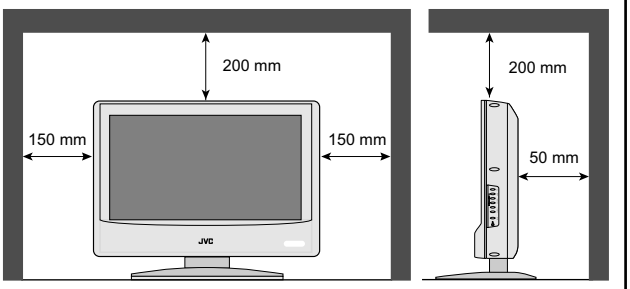


*Diagram differs from actual appearance.

1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

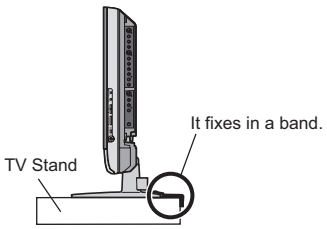


*Diagram differs from actual appearance.

1.2.4 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.3 HANDLING LCD PANEL

1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) USE A SPECIAL PACKING CASE FOR THE LCD PANEL
When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) ATTACH PROTECTION SHEET TO THE FRONT
Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) AVOID VIBRATIONS AND IMPACTS
The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) DO NOT PLACE EQUIPMENT HORIZONTALLY
Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

(1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.

(2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).

(3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.

(4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

(1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.

(2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.

(3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

ASPECT

This feature will help you adjust the picture you are watching to give you the best possible picture quality.

NATURAL CINEMA

Watching the movie or animation, press the Natural Cinema to adjust the out line of the images to make thin more sharp.

VIDEO STATUS

Expression of a favorite screen can be chosen by the VIDEO STATUS function.

MTS STEREO

The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

HYPER SURROUND

Creates a deep, three-dimensional sound effect by channeling the audio through the TV's front-firing speakers.

2.2 MAIN DIFFERENCE LIST

Item	LT-26X506/S	LT-32X506/S
LCD PANEL UNIT	QLD0370-001	QLD0371-001
DIGITAL PWB	QAL0754-001	QAL0755-001
POWER PWB	QAL0756-001	QAL0757-001

2.3 TECHNICAL INFORMATION

2.3.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.
Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.3.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications	
	LT-26X506	LT-32X506
Maximum dimensions (W × H × D)	626.0 mm × 373.0 mm × 51.0 mm	760.0 mm × 450.0 mm × 50.0 mm
Weight	4.7 kg	7.5 kg
Effective screen size	Diagonal: 650 mm (H: 576 mm × V: 324 mm)	Diagonal: 800 mm (H: 697 mm × V: 392 mm)
Aspect ratio	16 : 9	
Drive device / system	a-Si-TFT active matrix system	
Resolution	Horizontally 1366 × Vertically 768 × RGB < W-XGA > 3147264 dots in total	
Pixel pitch (pixel size)	Horizontally: 0.4215 mm Vertically: 0.4215mm	Horizontally: 0.51075 mm Vertically: 0.51075 mm
Displayed colour	16777216 colours 256 colours for R G and B	
Brightness	500cd/m2	
Contrast ratio	800 : 1	1000 : 1
Response time	8ms	
View angle	Horizontally: 170° Vertically: 170°	
Surface polarizer	Anti-Glare type Low reflective coat	
Colour filter	Vertical stripe	
Backlight	U-type Cold cathode fluorescent lamp × 8	Direct-type Cold cathode fluorescent lamp × 16
Power supply voltage in LCD	6.5 V	
Power supply voltage in inverter	26.4 V	25.2 V
Panel interface system	LVDS (Low Voltage Differential Signaling)	

2.3.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ **BRIGHT FAULT**

In this pixel fault, a cell that should not light originally is lighting on and off.
For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ **DARK FAULT**

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.
For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ **FLICKER FAULT**

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.
For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.3.2 MAIN CPU PIN FUNCTION [U302 : MAIN PWB]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	HP-VOL	O	Headphone Volume control (pwm)	24	NC	-	Not Use
2	PWR-LED-B	O	POWER INDICATER CONTROL "HIGH"	25	IIC DATA	I/O	I2C bus Data(for inter IC)
3	PWR-LED-D	O	POWER INDICATER CONTROL "LOW"	26	IIC CLOCK	I/O	I2C bus Clock(for inter IC)
4	VSS	-	GND	27	PGEN	O	6WIRE bus Enable(for MTL013)
5	XIN	I	32.768KHz for system clock (deviding to10MHz)	28	PGCLK	O	6WIRE bus Clock(for MTL013)
6	XOUT	O	32.768KHz for system clock (deviding to10MHz)	29	THERMAL	I	heat watch
7	VDD	I	5V	30	LVDS-PWR	-	Not Use
8	NC	-	Not Use	31	SYNC-IN	I	Horizontal sync(for sync detect)
9	TV-PWR	O	Main Power Control	32	RMT-IN	I	Remote control
10	AFT	I	Auto Fine Tuning Voltage input	33	NC	-	Not Use
11	KEY1	I	key scan data 1	34	DATA1	I	Enable for on boad flash CPU writer
12	KEY2	I	key scan data 2	35	S1-TIN1	I	video1 s1 terminal input detect
13	RESET	I	RESET	36	S1-TIN2	I	video2 s1 terminal input detect
14	FILTER	O	Cllosed Caption-filter	37	D-TIN	I	video1 component terminal input detect
15	CVIN	I	CVBS for Cllosed Caption data slice	38	PG0	I/O	6WIRE bus data0(for MTL013)
16	NC	-	Not Use	39	PG1	I/O	6WIRE bus data1(for MTL013)
17	VS	I	Vertical sync	40	PG2	I/O	6WIRE bus data2(for MTL013)
18	HD	I	Horizontal sync	41	PG3	I/O	6WIRE bus data3(for MTL013)
19	R	O	R for closed caption	42	NC	-	Not Use
20	G	O	G for closed caption	43	HP-DET	O	Headphone terminal input detect
21	B	O	B for closed caption	44	CCFL	O	LAMP power control
22	BL	O	BLANKING for closed caption	45	PNL-PWR	O	LCD panel power control
23	AV-RST	O	Reset for inter IC	46	D-DIMMER	O	Pwm dimming control1(for LAMP)
24	NC	-	Not Use	47	A-DIMMER	O	Pwm dimming control2(for LAMP)
25	IIC DATA	I/O	I2C bus Data(for inter IC)	48	NC	-	Not Use

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE STAND

(1) Remove the JACK COVER.
(2) Remove the 2 screws **[A]**, then remove the STAND COVER.
(3) Remove the 4 screws **[B]**, then remove the STAND.

3.1.2 REMOVING THE REAR COVER

- Remove the STAND.

(1) Remove the 8 screws **[C]**, 1 screw **[D]** and 2 screws **[E]**, then remove the REAR COVER.

3.1.3 REMOVING THE POWER PWB

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 3 screws **[F]** and 1 screw **[G]**, then remove the TERMINAL BASE.
(2) Remove the 8 screws **[H]**, then remove the BACK BRACKET.
(3) Remove the 6 screws **[J]**, then remove the POWER PWB SHIELD.
(4) Remove the 5 screws **[K]**, then remove the POWER PWB.

3.1.4 REMOVING THE MAIN PWB

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TERMINAL BASE.
- Remove the BACK BRACKET.
- Remove the POWER PWB SHIELD.

(1) Remove the 6 screws **[L]**, then remove the MAIN PWB.

3.1.5 REMOVING THE DIGITAL PWB

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TERMINAL BASE.
- Remove the BACK BRACKET.

(1) Remove the 4 screws **[M]**, then remove the DIGITAL PWB.

3.1.6 REMOVING THE KEY PWB

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 2 screws **[P]**, then remove the KEY PWB.

3.1.7 REMOVING THE LED PWB

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 2 screws **[Q]**, then remove the LED PWB.

3.1.8 REMOVING THE SPEAKER

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 6 screws **[R]**, then remove the SPEAKER (L/R).

CAUTION:

Please do not disassembly the SPEAKER.
When the speaker is decomposed, the performance cannot be kept.

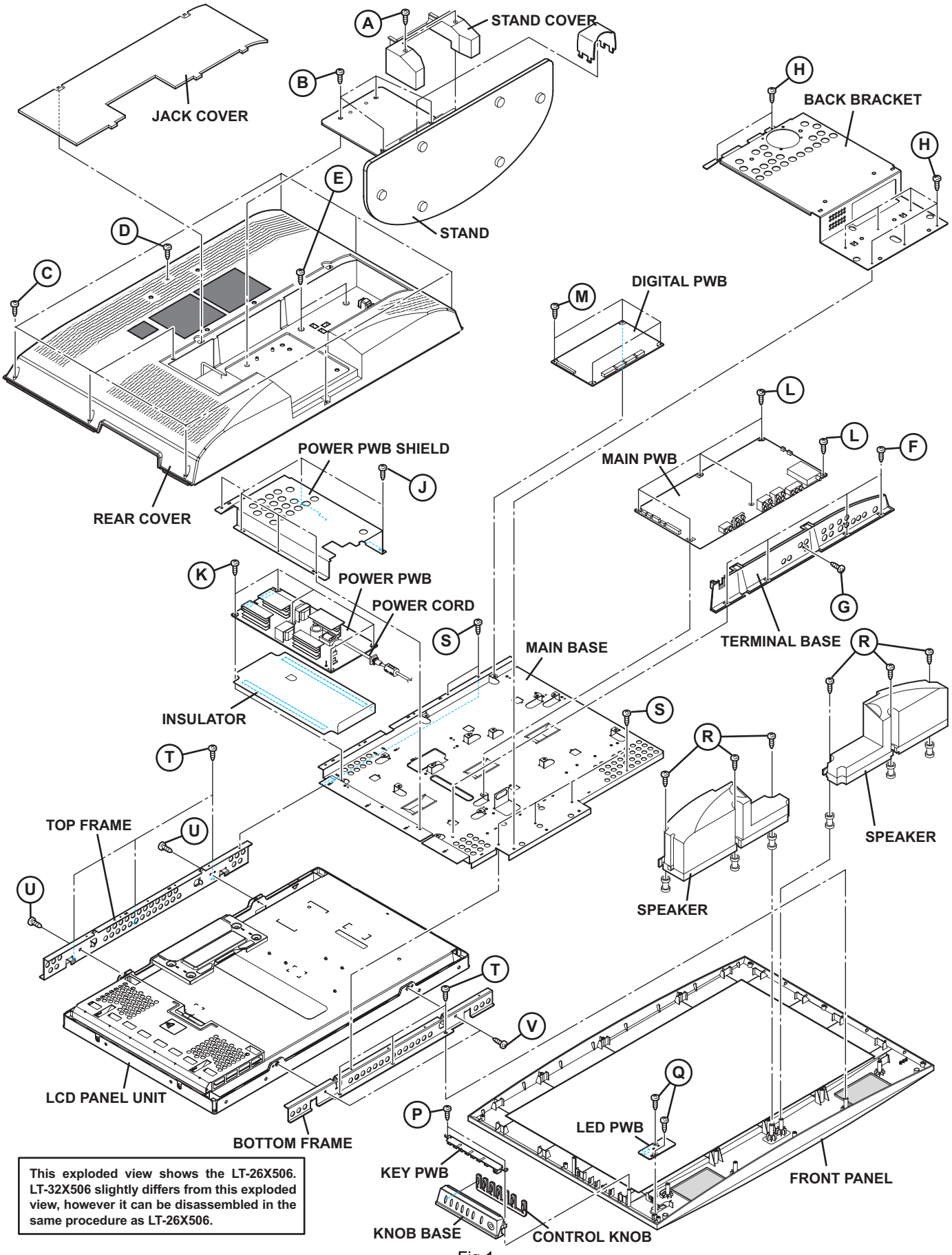
3.1.9 REMOVING THE LCD PANEL UNIT

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TERMINAL BASE.
- Remove the BACK BRACKET.

(1) Remove the 6 screws **[S]**, then remove the MAIN BASE.
(2) Remove the 6 screws **[T]**, then remove the FRONT PANEL.
(3) Remove the 2 screws **[U]**, then remove the TOP FRAME.
(4) Remove the 2 screws **[V]**, then remove the BOTTOM FRAME.

NOTE:

- Pay special attention not to break or damage on the FRONT PANEL.
- The LCD PANEL UNIT is fixed to the FRONT PAMEL (at the back side)by using double-side adhesive tapes. To remove the LCD PANEL UNIT, remove the adhesive tape on the FRONT PANEL slowly.



This exploded view shows the LT-26X506. LT-32X506 slightly differs from this exploded view, however it can be disassembled in the same procedure as LT-26X506.

Fig.1

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off
Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC
Be sure to use the memory IC written with the initial setting values.

3. Power on
Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

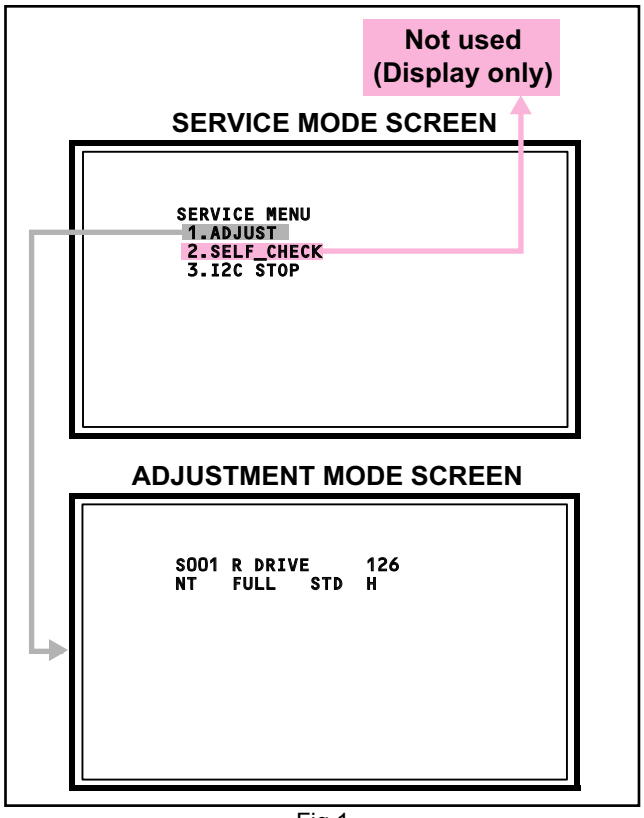


Fig.1

NOTE:
As self check feature is not used in this TV, **"2. SELF CHECK"** cannot be selected (screen display only).

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S024

3.2.3 SETTINGS OF FACTORY SHIPMENT

3.2.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	CABLE-02
VOLUME	10

3.2.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item		Setting position
INPUT		TV
CHANNEL		CABLE-02
VOLUME		10
DISPLAY		OFF
ASPECT	NTSC	PANORAMA
	HD / ATSC	FULL
SLEEP TIMER		OFF
VIDEO STATUS		DYNAMIC
HYPER SURROUND		OFF

3.2.3.3 REMOTE CONTROL MENU OPERATION

1. PICTURE ADJUST

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

< NTSC MODE >

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	00	00	00	00
BRIGHT	00	00	00	00
COLOR	+10	00	-10	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
ENERGY SAVER MODE	+30	+20	00	-10
COLOR TEMPERATURE	HIGH	LOW	HIGH	HIGH
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
NATURAL CINEMA	AUTO	AUTO	AUTO	AUTO

< HD MODE >

Setting item	DYNAMIC	STANDARD	GAME	THEATER
PICTURE	00	00	00	00
BRIGHT	00	00	00	00
COLOR	+05	00	-10	00
TINT	00	00	00	00
DETAIL	+05	00	00	00
ENERGY SAVER MODE	+30	+20	00	-10
COLOR TEMPERATURE	HIGH	LOW	HIGH	LOW
DIG. NOISE CLEAR	OFF	OFF	OFF	OFF
NATURAL CINEMA	AUTO	AUTO	AUTO	AUTO

2. SOUND ADJUST

Setting item	Setting position
BASS	00
TREBLE	00
BALANCE	00

3. CLOCK / TIMERS

Setting item	Setting position
ON / OFF TIMER	OFF

4. INITIAL SETUP

Setting item	Setting position
NOISE MUTING	ON
FRONT PANEL LOCK	OFF
POWER INDICATOR	HIGH
LANGUAGE	ENG.
CLOSED CAPTION	OFF(CC1/T1)
AUTO SHUT OFF	OFF
XDS ID	ON
V-CHIP	OFF

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

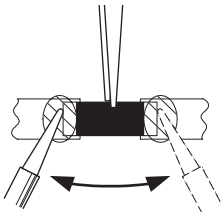
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

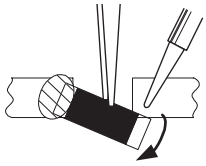
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



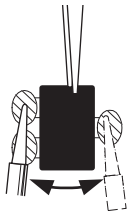
(2) Shift with the tweezers and remove the chip part.



[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.

(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



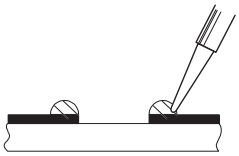
NOTE :

After removing the part, remove remaining solder from the pattern.

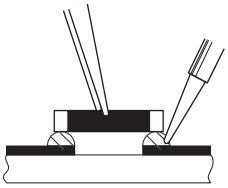
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

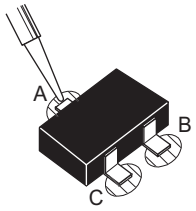


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

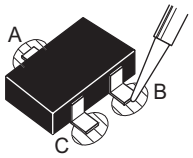


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
PICTURE MODE	STANDARD
PICTURE adjustments	Centre
COLOUR TEMP.	NORMAL
SOUND adjustments	Centre

4.3 MEASURING INSTRUMENT AND FIXTURES

- Signal generator (Pattern generator)[NTSC]
- Remote control unit

4.4 ADJUSTMENT ITEMS

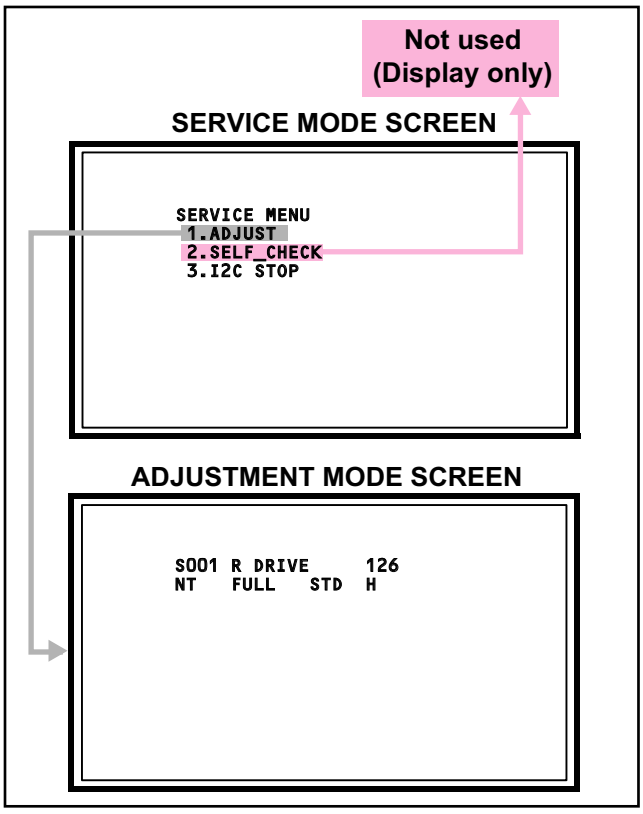
■ **VIDEO CIRCUIT**
- WHITE BALANCE (HIGH LIGHT) adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Set to 0 minutes using the **[SLEEP TIMER]** key.
(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneosly, then enter the SERVICE MODE.

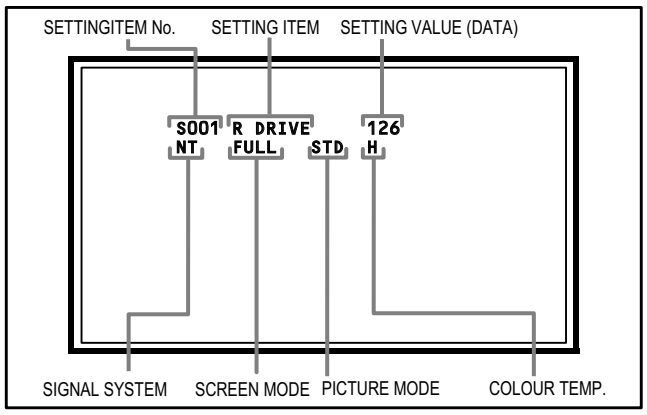
NOTE:
- As self check feature is not used in this TV, **"2. SELF CHECK"** cannot be selected (screen display only).
- Before entering the SERVICE MODE, confirm that the setting of **TV/CATV** switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of **VCR/DVD** switch is at the "**VCR**" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the **[1]** keys is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.



4.5.2 HOW TO EXIT THE SERVICE MODE

Press the **[BACK]** key to exit the Service mode.

4.5.3 DESCRIPTION OF STATUS DISPLAY OF ADJUSTMENT MODE



(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

NT	: 525i (Composite / S-video input)
5I	: 525i (Component input)
5P	: 525p
1I	: 1125i
7P	: 750p

(2) SCREEN MODE

FULL	: FULL
1609	: CINEMA, CINEMA ZOOM
PANO	: PANORAMA, HD PANORAMA
REGU	: REGULAR

(3) VIDEO STATUS

STD	: STANDARD
DYN	: DYNAMIC
TH	: THEATER
GAME	: GAME

(4) COLOR TEMPERATURE

H	: HIGH
L	: LOW

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S024	Video system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4 CHANGE AND MEMORY OF SETTING VALUE

■SELECTION OF SETTING ITEM

- **[CH+]** / **[CH-]** key.
  Change the setting items up/ down.

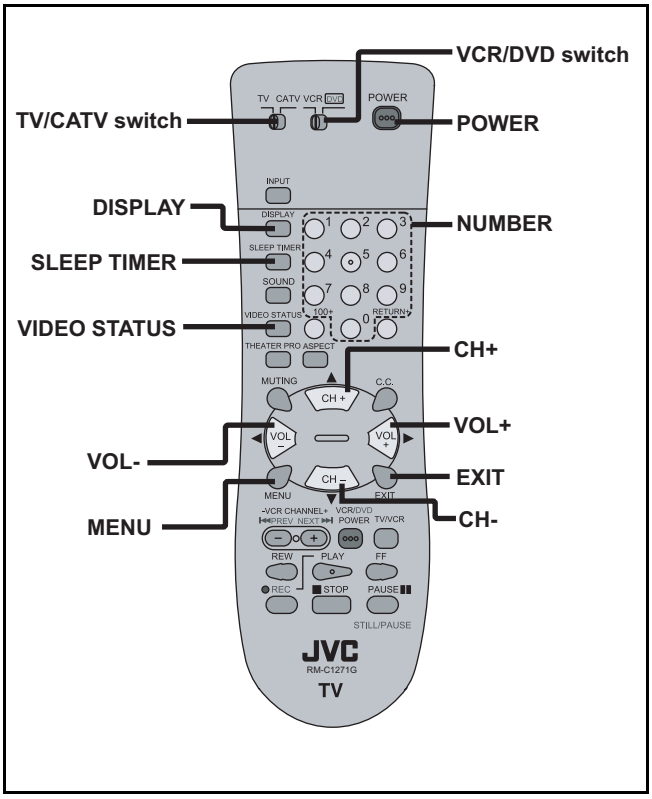
■CHANGE OF SETTING VALUE (DATA)

- **[VOL+]** / **[VOL-]** key.
  Change the setting values up/down.

■MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing **[MUTING]** key.

4.5.5 SERVICE MODE SELECT KEY LOCATION



4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value		Remark
			LT-26X506	LT-32X506	
S001	R DRIVE	0 - 255	128	125	**Initial setting value is reference value at following condition.** INPUT SIGNAL: NTSC MODE (SD MODE) COLOR TEMPERATURE: LOW VIDEO STATUS: STANDARD
S002	G DRIVE	0 - 255	128	125	
S003	B DRIVE	0 - 255	128	125	
S004	R ST LO HD	-63 - 63	0	0	**Initial setting value is reference value at following condition.** INPUT SIGNAL: HD MODE COLOR TEMPERATURE: LOW VIDEO STATUS: STANDARD
S005	G ST LO HD	-63 - 63	0	0	
S006	B ST LO HD	-63 - 63	0	0	
S007	R ST HI SD	-63 - 63	-6	-6	**Initial setting value is reference value at following condition.** INPUT SIGNAL: NTSC MODE (SD MODE) COLOR TEMPERATURE: HIGH VIDEO STATUS: STANDARD
S008	G ST HI SD	-63 - 63	-6	-6	
S009	B ST HI SD	-63 - 63	0	0	
S010	R ST HI HD	-63 - 63	-6	-6	**Initial setting value is reference value at following condition.** INPUT SIGNAL: HD MODE COLOR TEMPERATURE: HIGH VIDEO STATUS: STANDARD
S011	G ST HI HD	-63 - 63	-9	-9	
S012	B ST HI HD	-63 - 63	0	0	
S013	R TH LO SD	-63 - 63	0	0	**Initial setting value is reference value at following condition.** INPUT SIGNAL: NTSC MODE (SD MODE) COLOR TEMPERATURE: LOW VIDEO STATUS: THEATER
S014	G TH LO SD	-63 - 63	-9	-9	
S015	B TH LO SD	-63 - 63	-24	-24	
S016	R TH LO HD	-63 - 63	0	0	**Initial setting value is reference value at following condition.** INPUT SIGNAL: HD MODE COLOR TEMPERATURE: LOW VIDEO STATUS: THEATER
S017	G TH LO HD	-63 - 63	-9	-9	
S018	B TH LO HD	-63 - 63	-24	-24	
S019	R TH HI SD	-63 - 63	0	0	**Initial setting value is reference value at following condition.** INPUT SIGNAL: NTSC MODE (SD MODE) COLOR TEMPERATURE: HIGH VIDEO STATUS: THEATER
S020	G TH HI SD	-63 - 63	-1	-1	
S021	B TH HI SD	-63 - 63	-15	-15	
S022	R TH HI HD	-63 - 63	0	0	**Initial setting value is reference value at following condition.** INPUT SIGNAL: HD MODE COLOR TEMPERATURE: HIGH VIDEO STATUS: THEATER
S023	G TH HI HD	-63 - 63	-1	-1	
S024	B TH HI HD	-63 - 63	-15	-15	

4.7 ADJUSTMENT PROCEDURE

4.7.1 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S001: R DRIVE (Red drive) S002: G DRIVE (Green drive) S003: B DRIVE (Blue drive)	(1) Receive a NTSC 75% all white signal. (2) Set "VIDEO STATUS" to "**STANDARD**". (3) Set "ASPECT" to "**FULL**". (4) Select "COLOUR TEMPERATURE" to "**LOW**". (5) Select "**1.ADJUST**" from the SERVICE MODE. (6) Set **< S001 >** (R DRIVE), **< S002 >** (G DRIVE) and **< S003 >** (B DRIVE) to **"133"**. (7) Adjust to keep one of **< S001 >** (Red drive), **< S002 >** (Green drive) or **< S003 >** (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. **NOTE:** Set one or more of **< S001 >**, **< S002 >**, and **< S003 >** to "**128**" **[LT-26X506]** or "**125**" **[LT-32X506]**. (8) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (9) Press the **[MUTING]** key to memoirze the set value.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

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(No.YA333)

Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS	
CR	Carbon Resistor
FR	Fusible Resistor
PR	Plate Resistor
VR	Variable Resistor
HV R	High Voltage Resistor
MF R	Metal Film Resistor
MG R	Metal Glazed Resistor
MP R	Metal Plate Resistor
OM R	Metal Oxide Film Resistor
CMF R	Coating Metal Film Resistor
UNF R	Non-Flammable Resistor
CH V R	Chip Variable Resistor
CH MG R	Chip Metal Glazed Resistor
COMP. R	Composition Resistor
LPTC R	Linear Positive Temperature Coefficient Resistor

CAPACITORS	
C CAP.	Ceramic Capacitor
E CAP.	Electrolytic Capacitor
M CAP.	Mylar Capacitor
CH CAP.	Chip Capacitor
HV CAP.	High Voltage Capacitor
MF CAP.	Metalized Film Capacitor
MM CAP.	Metalized Mylar Capacitor
MP CAP.	Metalized Polystyrol Capacitor
PP CAP.	Polypropylene Capacitor
PS CAP.	Polystyrol Capacitor
TF CAP.	Thin Film Capacitor
MPP CAP.	Metalized Polypropylene Capacitor
TAN. CAP.	Tantalum Capacitor
CH C CAP.	Chip Ceramic Capacitor
BP E CAP.	Bi-Polar Electrolytic Capacitor
CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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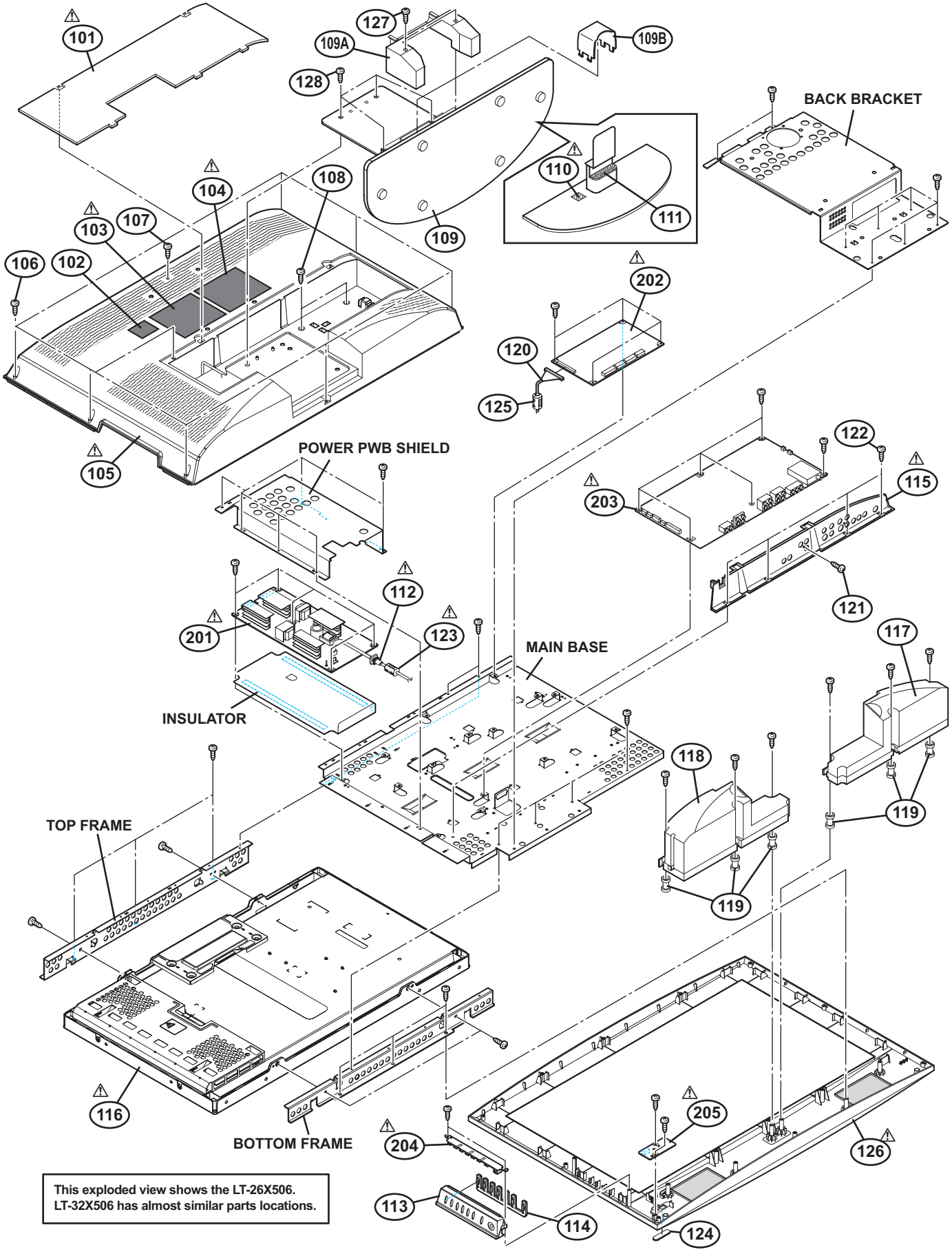
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	LT-26X506/S	LT-32X506/S
MAIN P.W.B	QAL0753-001	←
DIGITAL SIGNAL P.W.B	QAL0754-001	QAL0755-001
POWER P.W.B	QAL0756-001	QAL0757-001
LED P.W.B	QAL0758-001	←
KEY P.W.B	QAL0759-001	←
REMOTE CONTROL UNIT	RM-C1271G-1H	←

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	101	LC12405-001A-A	TERMINAL COVER		
	102	CM48269-001-A	NOM LABEL		
⚠	103	LC32830-001A-A	RATING LABEL		
⚠	104	GQ20001-001A-A	RATING LABEL		
⚠	105	LC12404-001A-A	REAR COVER		LT-26X506/S
⚠	105	LC12439-001A-A	REAR COVER		LT-32X506/S
	106	QYSBSF4012ZA	TAP SCREW	M4 x 12mm(x8)	
	107	LC42063-001A	SCREW		
	108	LC42063-001A	SCREW	(x2)	
	109	LC42296-001B-C	STAND ASSY		
	109A	T0120-01	STAND COVER		
	109B	T0014-03	CABLE COVER		
⚠	110	GQ40049-001A-A	ENERGY STICKER		
	111	LC42002-002B-C	STAND SHEET		
⚠	112	QMPD460-170-JC	POWER CORD(US/CA)	1.7m BLACK	
	113	LC21912-001A-A	KNOB BASE		
	114	LC33199-001A-A	CONTROL KNOB		
⚠	115	LC12406-001A-A	TERMINAL BASE		
⚠	116	QLD0370-001-JIM	LCD PANEL UNIT		LT-26X506/S
⚠	116	QLD0371-001-JIM	LCD PANEL UNIT		LT-32X506/S
	117	LC42239-001A-C	SPEAKER ASSY	LEFT	LT-26X506/S
	117	LC42239-003A-C	SPEAKER ASSY	LEFT	LT-32X506/S
	118	LC42239-002A-C	SPEAKER ASSY	RIGHT	LT-26X506/S
	118	LC42239-004A-C	SPEAKER ASSY	RIGHT	LT-32X506/S
	119	LC40226-002A-A	SPACER	(x6)	LT-26X506/S
	119	LC40226-003A-H	SPACER	(x6)	LT-32X506/S
	120	WJW0028-001A-E	E-TWISTED ASSY		LT-26X506/S
	120	WJW0028-002A-E	E-TWISTED ASSY		LT-32X506/S
	121	QYSBSF3010Z	TAP SCREW	M3 x 10mm	
	122	LC42301-001A	SCREW	(x4)	
⚠	123	QQR0491-002	FERRITE CORE		
	124	LC42247-003A	LED PLATE		
	125	QQR0490-001	NOISE FILTER		
⚠	126	LC12452-001A-A	FRONT PANEL ASSY		LT-26X506/S
⚠	126	LC12453-001A-A	FRONT PANEL ASSY		LT-32X506/S
	127	QYSPSPD3008ZA	SCREW	M3 x 8mm(x2)	
	128	QYSPSPD5016MA	SCREW	M5 x 16mm(x4)	
⚠	201	QAL0756-001	POWER PWB		LT-26X506/S
⚠	201	QAL0757-001	POWER PWB		LT-32X506/S
⚠	202	QAL0754-001	DIGITAL SIGNAL PWB		LT-26X506/S
⚠	202	QAL0755-001	DIGITAL SIGNAL PWB		LT-32X506/S
⚠	203	QAL0753-001	MAIN PWB		
⚠	204	QAL0759-001	KEY PWB		
⚠	205	QAL0758-001	LED PWB		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST [LT-26X506/S]

MAIN P.W. BOARD ASS'Y (QAL0753-001)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
IC401	AN5832SA	IC	
IC501	MM1311	IC	
IC502	NJM2584D	IC	
IC601	NJW1173V-TE1	IC	
IC602	NJM2777M-X	IC	
IC603	MP7720DP-LF	IC	
IC604	MP7720DP-LF	IC	
IC701	LC863864A	IC	
IC702	LA79200	IC	
IC704	PST3445UR	IC	
IC1801	SI-8033JF	IC	
IC1803	MC34063AD	IC	
IC1805	BA17809T	IC	
IC1806	BA17805T	IC	
Q401	2SA1037AK-T146R	TRANSISTOR	
Q501	DTC343TK	TRANSISTOR	
Q502	DTC343TK	TRANSISTOR	
Q503	DTA144TKA	TRANSISTOR	
Q504	2SA1037AK-T146R	TRANSISTOR	
Q505	2SA1037AK-T146R	TRANSISTOR	
Q506	2SC2412K-T146R	TRANSISTOR	
Q507	2SC2412K-T146R	TRANSISTOR	
Q508	2SC2412K-T146R	TRANSISTOR	
Q601	2SA1037AK-T146R	TRANSISTOR	
Q602	2SC2412K-T146R	TRANSISTOR	
Q603	DTC144EKA	TRANSISTOR	
Q701	2SC2412K-T146R	TRANSISTOR	
Q702	2SA1037AK-T146R	TRANSISTOR	
Q703	2SC2412K-T146R	TRANSISTOR	
Q704	2SC2412K-T146R	TRANSISTOR	
Q705	2SA1037AK-T146R	TRANSISTOR	
Q706	2SA1037AK-T146R	TRANSISTOR	
Q707	2SC2412K-T146R	TRANSISTOR	
Q708	2SC2412K-T146R	TRANSISTOR	
Q709	2SA1037AK-T146R	TRANSISTOR	
Q710	2SA1037AK-T146R	TRANSISTOR	
Q711	2SA1037AK-T146R	TRANSISTOR	
Q712	2SC2412K-T146R	TRANSISTOR	
Q713	2SA1037AK-T146R	TRANSISTOR	
Q714	2SC2412K-T146R	TRANSISTOR	
D401	UDZSTE-17-5R6B	DIODE	
D501	UDZS10B-X	Z DIODE	
D502	UDZS10B-X	Z DIODE	
D503	UDZS10B-X	Z DIODE	
D504	UDZS10B-X	Z DIODE	
D505	UDZS10B-X	Z DIODE	
D506	UDZS10B-X	Z DIODE	
D508	UDZS10B-X	Z DIODE	
D509	UDZS10B-X	Z DIODE	
D510	UDZS10B-X	Z DIODE	
D511	UDZS10B-X	Z DIODE	
D512	UDZS10B-X	Z DIODE	
D513	UDZS10B-X	Z DIODE	
D515	UDZS10B-X	Z DIODE	
D516	UDZS10B-X	Z DIODE	
D517	UDZS10B-X	Z DIODE	
D518	UDZS10B-X	Z DIODE	
D519	UDZS10B-X	Z DIODE	
D520	UDZS10B-X	Z DIODE	
D521	UDZS10B-X	Z DIODE	
D601	1SS133-T2	SI DIODE	
D602	1SS355-X	SI DIODE	
D603	1SS355-X	SI DIODE	
D604	1SS133-T2	SI DIODE	
D605	UDZSTE-17-6R2B	DIODE	
D606	UDZSTE-17-6R2B	DIODE	
D607	AK03	DIODE	
D608	AK03	DIODE	
D609	1SS133-T2	SI DIODE	
D703	1SS133-T2	SI DIODE	
D1804	RK16V1	DIODE	
D1831	1SS355-X	SI DIODE	
D1832	UDZS18B-X	Z DIODE	
C401	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C402	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C403	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C404	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C405	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C406	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C407	USA1C101MDD1TE	E CAPACITOR	100uF 16V M

⚠Ref No.	Part No.	Part Name	DescriptionLocal
C408	QETL1CM-107	E CAPACITOR	100uF 16V M
C409	QETL1HM-106	E CAPACITOR	10uF 50V M
C410	QETL1HM-106	E CAPACITOR	10uF 50V M
C413	QETL1HM-334	E CAPACITOR	0.33uF 50V M
C414	QETL1HM-334	E CAPACITOR	0.33uF 50V M
C415	QETL1HM-335	E CAPACITOR	3.3uF 50V M
C416	NCB31HK-223C	C CAPACITOR	0.022uF 50V K
C417	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C418	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C419	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C420	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C421	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C422	C1608JB1E224KT	C CAPACITOR	0.22uF 25V K
C423	NCB31HK-102C	C CAPACITOR	1000pF 50V K
C424	QETL1HM-475	E CAPACITOR	4.7uF 50V M
C425	QETL1HM-475	E CAPACITOR	4.7uF 50V M
C426	QETL1HM-475	E CAPACITOR	4.7uF 50V M
C427	QETL1HM-475	E CAPACITOR	4.7uF 50V M
C428	QETL1HM-475	E CAPACITOR	4.7uF 50V M
C429	NDC31HG-151C	C CAPACITOR	150pF 50V G
C430	NDC31HG-151C	C CAPACITOR	150pF 50V G
C431	NCB31HK-472C	C CAPACITOR	4700pF 50V K
C432	NCB31HK-472C	C CAPACITOR	4700pF 50V K
C433	QETL1AM-107	E CAPACITOR	100uF 10V M
C434	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C501	QETL1CM-226	E CAPACITOR	22uF 16V M
C502	QETL1CM-226	E CAPACITOR	22uF 16V M
C503	QETL1CM-226	E CAPACITOR	22uF 16V M
C504	QETL1CM-226	E CAPACITOR	22uF 16V M
C505	QETL1CM-226	E CAPACITOR	22uF 16V M
C506	QETL1CM-226	E CAPACITOR	22uF 16V M
C507	QETL1HM-106	E CAPACITOR	10uF 50V M
C508	QETL1HM-106	E CAPACITOR	10uF 50V M
C509	QETL1HM-106	E CAPACITOR	10uF 50V M
C510	QETL1HM-106	E CAPACITOR	10uF 50V M
C511	QETL1HM-106	E CAPACITOR	10uF 50V M
C512	QETL1HM-106	E CAPACITOR	10uF 50V M
C513	QETL1HM-106	E CAPACITOR	10uF 50V M
C514	QETL1HM-106	E CAPACITOR	10uF 50V M
C515	QETL1HM-106	E CAPACITOR	10uF 50V M
C516	QETL1CM-226	E CAPACITOR	22uF 16V M
C517	QETL1CM-107	E CAPACITOR	100uF 16V M
C518	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C519	QETL1CM-476	E CAPACITOR	47uF 16V M
C520	QETL1CM-476	E CAPACITOR	47uF 16V M
C521	QETL1CM-476	E CAPACITOR	47uF 16V M
C524	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C525	QETL1CM-226	E CAPACITOR	22uF 16V M
C527	QETL1CM-226	E CAPACITOR	22uF 16V M
C528	QETL1CM-226	E CAPACITOR	22uF 16V M
C529	QETL1HM-106	E CAPACITOR	10uF 50V M
C530	QETL1CM-476	E CAPACITOR	47uF 16V M
C531	QETL1CM-476	E CAPACITOR	47uF 16V M
C532	QETL1CM-476	E CAPACITOR	47uF 16V M
C533	QETL1CM-106	E CAPACITOR	10uF 16V M
C535	QETL1CM-106	E CAPACITOR	10uF 16V M
C536	QETL1CM-106	E CAPACITOR	10uF 16V M
C537	QETL1CM-476	E CAPACITOR	47uF 16V M
C538	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C539	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C540	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C601	NCB31HK-222C	C CAPACITOR	2200pF 50V K
C602	NCB31HK-222C	C CAPACITOR	2200pF 50V K
C603	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C604	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C605	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C606	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C607	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C608	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C609	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C610	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C611	C1608JB1C334MT	C CAPACITOR	0.33uF 16V K
C612	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C613	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C614	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C615	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C616	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C617	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C618	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C619	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C620	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C621	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C622	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C623	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C624	QETL1CM-107	E CAPACITOR	100uF 16V M

⚠Ref No.	Part No.	Part Name	DescriptionLocal
C625	QETL1CM-476	E CAPACITOR	47uF 16V M
C626	QETL1HM-106	E CAPACITOR	10uF 50V M
C627	QETL1HM-106	E CAPACITOR	10uF 50V M
C629	QETL1AM-107	E CAPACITOR	100uF 10V M
C630	QETL1AM-107	E CAPACITOR	100uF 10V M
C631	QETL1CM-477	E CAPACITOR	470uF 16V M
C632	QETL1HM-105	E CAPACITOR	1uF 50V M
C633	QETL1HM-105	E CAPACITOR	1uF 50V M
C635	NCB31HK-332C	C CAPACITOR	3300pF 50V K
C636	NCB31HK-332C	C CAPACITOR	3300pF 50V K
C637	QETL1HM-475	E CAPACITOR	4.7uF 50V M
C638	QETL1HM-475	E CAPACITOR	4.7uF 50V M
C639	NDC31HG-391C	C CAPACITOR	390pF 50V G
C640	NDC31HG-391C	C CAPACITOR	390pF 50V G
C641	NCJ11HK-105X-U	C CAPACITOR	1uF 50V K
C642	NCJ11HK-105X-U	C CAPACITOR	1uF 50V K
C643	QETL1VM-477	E CAPACITOR	470uF 35V M
C644	QETL1VM-477	E CAPACITOR	470uF 35V M
C645	NDC31HG-100C	C CAPACITOR	10pF 50V G
C646	NDC31HG-100C	C CAPACITOR	10pF 50V G
C647	QFVD1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C648	QFVD1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C649	UVZ1E102MPD	C CAPACITOR	1000uF 25V
C650	UVZ1E102MPD	C CAPACITOR	1000uF 25V
C652	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C655	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C700	QETL0JM-108	E CAPACITOR	1000uF 6.3V M
C701	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C702	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C703	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C704	NDC31HG-220C	C CAPACITOR	22pF 50V G
C705	NDC31HG-220C	C CAPACITOR	22pF 50V G
C706	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C707	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C708	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C709	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C710	QETL1HM-106	E CAPACITOR	10uF 50V M
C711	NDC31HG-101C	C CAPACITOR	100pF 50V G
C712	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C713	NDC31HG-101C	C CAPACITOR	100pF 50V G
C714	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C715	NCB31HK-102C	C CAPACITOR	1000pF 50V K
C716	NDC31HG-101C	C CAPACITOR	100pF 50V G
C717	NDC31HG-101C	C CAPACITOR	100pF 50V G
C718	NDC31HG-331C	C CAPACITOR	330pF 50V G
C719	NDC31HG-680C	C CAPACITOR	68pF 50V G
C720	NDC31HG-680C	C CAPACITOR	68pF 50V G
C721	NDC31HG-680C	C CAPACITOR	68pF 50V G
C722	NDC31HG-101C	C CAPACITOR	100pF 50V G
C723	NDC31HG-101C	C CAPACITOR	100pF 50V G
C724	NDC31HG-101C	C CAPACITOR	100pF 50V G
C725	NDC31HG-101C	C CAPACITOR	100pF 50V G
C726	NDC31HG-101C	C CAPACITOR	100pF 50V G
C727	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C728	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C731	NDC31HG-270C	C CAPACITOR	27pF 50V G
C732	QETL1CM-227	E CAPACITOR	220uF 16V M
C733	NDC31HG-391C	C CAPACITOR	390pF 50V G
C734	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C735	NCB31HK-152C	C CAPACITOR	1500pF 50V K
C736	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C737	QETL1CM-476	E CAPACITOR	47uF 16V M
C738	NDC31HG-220C	C CAPACITOR	22pF 50V G
C739	NDC31HG-220C	C CAPACITOR	22pF 50V G
C740	NDC31HG-220C	C CAPACITOR	22pF 50V G
C741	NDC31HG-220C	C CAPACITOR	22pF 50V G
C742	NDC31HG-220C	C CAPACITOR	22pF 50V G
C743	NDC31HG-220C	C CAPACITOR	22pF 50V G
C744	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C745	QETL1CM-227	E CAPACITOR	220uF 16V M
C746	NDC31HG-391C	C CAPACITOR	390pF 50V G
C747	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C748	NDC31HG-181C	C CAPACITOR	180pF 50V G
C749	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1806	KZE6R3VB560MH11	E CAPACITOR	560uF 6.3V K
C1808	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1809	QETL1CM-228	E CAPACITOR	2200uF 16V M
C1830	QETL1EM-107	E CAPACITOR	100uF 25V M
C1831	NDC31HG-271C	C CAPACITOR	270pF 50V G
C1832	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C1833	QETL1HM-225	E CAPACITOR	2.2uF 50V M
C1834	QETL1CM-107	E CAPACITOR	100uF 16V M
C1835	QETL1CM-476	E CAPACITOR	47uF 16V M
C1839	QETL1CM-107	E CAPACITOR	100uF 16V M
C1840	QETL1CM-476	E CAPACITOR	47uF 16V M
C1841	QETL1CM-476	E CAPACITOR	47uF 16V M
C1842	QETL0JM-108	E CAPACITOR	1000uF 6.3V M
R401	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
R402	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R404	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R405	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R406	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R407	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R408	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R409	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R410	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R413	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R501	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R502	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R503	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R504	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R505	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R506	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R507	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R508	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R509	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R510	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R511	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R512	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R513	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R514	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R515	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R516	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R517	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R518	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R519	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R520	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R521	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R522	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R523	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R524	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R525	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R527	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R528	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R529	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R530	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R531	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R532	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R533	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R534	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R535	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R540	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R541	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R542	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R543	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R546	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R547	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R548	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R549	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R550	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R551	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R552	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R555	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R556	CFS1/4CT26A101J	MG RESISTOR	100Ω 1/4W J
R557	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R558	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R559	CFS1/4CT26A101J	MG RESISTOR	100Ω 1/4W J
R560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R561	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R562	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R563	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R601	CFS1/4CT52A101J	MG RESISTOR	100Ω 1/4W J
R602	CFS1/4CT52A101J	MG RESISTOR	100Ω 1/4W J
R603	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R604	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R605	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R606	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R607	CFS1/4CT52A153J	MG RESISTOR	15KΩ 1/4W J
R608	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R609	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R610	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R611	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R612	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R614	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R615	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R617	MOS3CL20A-330J	METAL-OXIDE	33Ω 3W J
R619	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R620	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R621	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R622	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R623	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
R624	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R625	CFS1/4CT52A472J	MG RESISTOR	4.7kΩ 1/4W J
R626	CFS1/4CT52A472J	MG RESISTOR	4.7kΩ 1/4W J
R627	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R628	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R629	CFS1/4CT26A184J	MG RESISTOR	180kΩ 1/4W J
R630	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R633	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R639	MOSX3CL20A-3R3J	METAL-OXIDE	3.3Ω 3W J
R640	CFS1/4CT26A104J	MG RESISTOR	100kΩ 1/4W J
R701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R702	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R706	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R709	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R710	CFS1/4CT26A101J	MG RESISTOR	100Ω 1/4W J
R711	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R712	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R714	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R715	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R716	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R717	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R719	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R720	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R721	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R722	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R723	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R724	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R725	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R726	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R727	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R728	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R730	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R731	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R732	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R733	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R734	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R735	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R736	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R737	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R738	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R739	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R740	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R741	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R742	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R744	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R745	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R746	CFS1/4CT26A101J	MG RESISTOR	100Ω 1/4W J
R747	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R750	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R751	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R752	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R753	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R754	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R755	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R756	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R757	CFS1/4CT26A101J	MG RESISTOR	100Ω 1/4W J
R758	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R759	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R760	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R761	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R762	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R763	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R764	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R765	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R766	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R767	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R768	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R769	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R770	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R771	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R775	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R777	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R778	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R779	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R780	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R781	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R782	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R783	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R784	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R785	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R786	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R787	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R788	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R789	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R790	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R791	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R792	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R793	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R795	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R796	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R797	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R798	CFS1/4CT26A101J	MG RESISTOR	100Ω 1/4W J
R799	CFS1/4CT52A101J	MG RESISTOR	100Ω 1/4W J
R7A0	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7A1	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R7A2	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7A3	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R7A4	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R7A5	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R7A8	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7A9	NCP18WF104J03RB	THERMISTOR	
R7C0	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R7C1	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R7C2	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R7C3	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7C4	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7C9	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7E1	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7E2	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R7E3	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R7E4	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R7E5	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R7E6	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7E7	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7E8	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R7E9	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1830	CFS1/4CT26A010J	MG RESISTOR	1Ω 1/4W J
R1831	NRSA63J-120X	MG RESISTOR	12Ω 1/16W J
R1832	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R1833	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1834	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1835	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1836	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1837	CFS1/2CT26A470J	MG RESISTOR	47Ω 1/2W J
L402	QQL35BK-330Z	INDUCTOR	33uH K
L403	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L501	QQL35BK-330Z	INDUCTOR	33uH K
L502	QQL35BK-330Z	INDUCTOR	33uH K
L601	CFS1/4CT26A101J	MG RESISTOR	100Ω 1/4W J
L602	8RDY-A7040HN-10	COIL	
L603	8RDY-A7040HN-10	COIL	
L606	NQR0155-003X	FERRITE CORE	
L702	NQR0155-003X	FERRITE CORE	
L703	NQR0155-003X	FERRITE CORE	
L704	NQR0155-003X	FERRITE CORE	
L705	NQR0155-003X	FERRITE CORE	
L706	NQR0155-003X	FERRITE CORE	
L1802	QQL31AK-101Z	INDUCTOR	100uH K
L1803	NQR0413-003X	FERRITE BEADS	
L1804	NQR0413-003X	FERRITE BEADS	
L1805	NQR0413-003X	FERRITE BEADS	
L1806	NQR0413-003X	FERRITE BEADS	
L1807	NQR0413-003X	FERRITE BEADS	
L1808	NQR0413-003X	FERRITE BEADS	
L1809	NQR0413-003X	FERRITE BEADS	
L1810	NQR0413-003X	FERRITE BEADS	
L1830	QQL35BK-331Z	INDUCTOR	330uH K
L1840	QQL35BK-330Z	INDUCTOR	33uH K
CW501	M975CW501	CONNECTOR	
CW502	M975CW502	CONNECTOR	
CW605	M975CW605	CONNECTOR	
CW606	M975CW606	CONNECTOR	
CW703	M975CW703	CONNECTOR	
CW801	WFG05A195	CONNECTOR	
CW1002	M975CW1002	CONNECTOR	
EC517	QQR0521-007	NOISE FILTER	
EC518	QQR0521-007	NOISE FILTER	
FB601	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB602	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB603	NQR0413-003X	FERRITE BEADS	
FB604	NQR0413-003X	FERRITE BEADS	
FB1801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
J501	MSD-244V14-34-N	JACK	INPUT-3(V/L/R)
J502	YKC21-5913N	JACK	INPUT-1(COMPONENT)
J503	MSP-802V-04-A-N	JACK	INPUT-1(S/V/L/R)
J504	MSP-802V-04-A-N	JACK	INPUT-2(S/V/L/R)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
J505	YKC21-5855N	JACK	AUDIO IN
JP1	CFS1/4CT52A220J	MG RESISTOR	22Ω 1/4W J
JP501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP515	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
JP516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
TU401	115-V-LA35AR	TUNER	
X701	C-002RX-32R768K	CRYSTAL	

DIGITAL SIGNAL P.W. BOARD ASS'Y (QAL0754-001)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
IC1000	TC90288BXBG	IC	
IC1001	MTL013	IC	
IC1002	TA1318AF	IC	
IC1008	BA25BC0FP	IC	
IC1010	AD9883AKST-110	IC	
IC1012	BA15BC0FP	IC	
IC1014	BA25BC0FP	IC	
IC1015	DS90C385AMTX	IC	
IC1016	BA178M09FP	IC	
IC1019	ATE16-26X506S	IC	(SERVICE)
Q1001	2SC2412K-T146R	TRANSISTOR	
Q1002	2SC2412K-T146R	TRANSISTOR	
Q1003	2SC2412K-T146R	TRANSISTOR	
Q1004	2SC2412K-T146R	TRANSISTOR	
Q1005	2SC2412K-T146R	TRANSISTOR	
Q1006	2SC2412K-T146R	TRANSISTOR	
Q1007	2SC2412K-T146R	TRANSISTOR	
Q1008	2SC2412K-T146R	TRANSISTOR	
Q1009	2SC2412K-T146R	TRANSISTOR	
Q1010	2SA1037AK-T146R	TRANSISTOR	
Q1011	2SA1037AK-T146R	TRANSISTOR	
Q1012	2SA1037AK-T146R	TRANSISTOR	
Q1013	2SA1037AK-T146R	TRANSISTOR	
Q1014	2SA1037AK-T146R	TRANSISTOR	
Q1015	2SA1037AK-T146R	TRANSISTOR	
Q1016	2SA1037AK-T146R	TRANSISTOR	
Q1017	2SA1037AK-T146R	TRANSISTOR	
Q1020	5LN01M-TL	TRANSISTOR	
Q1021	5LN01M-TL	TRANSISTOR	
Q1023	5LN01M-TL	TRANSISTOR	
Q1024	2SA1037AK-T146R	TRANSISTOR	
Q1025	DTC144EKA	TRANSISTOR	
Q1026	5LN01M-TL	TRANSISTOR	
Q1027	2SK2503	TRANSISTOR	
Q1028	5LN01M-TL	TRANSISTOR	
Q1029	5LN01M-TL	TRANSISTOR	
Q1030	5LN01M-TL	TRANSISTOR	
Q1031	5LN01M-TL	TRANSISTOR	
Q1032	5LN01M-TL	TRANSISTOR	
Q1033	5LN01M-TL	TRANSISTOR	
D1001	UDZSTE-17-5R6B	DIODE	
D1003	UDZSTE-17-5R6B	DIODE	
D1004	UDZSTE-17-5R6B	DIODE	
D1005	UDZSTE-17-5R6B	DIODE	
D1006	UDZSTE-17-5R6B	DIODE	
D1007	UDZSTE-17-5R6B	DIODE	
D1008	UDZSTE-17-5R6B	DIODE	
D1010	UDZSTE-17-5R6B	DIODE	
C1001	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1002	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1003	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1004	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1005	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1006	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1007	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1008	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1009	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K

⚠Ref No.	Part No.	Part Name	DescriptionLocal
C1010	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1011	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1012	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1013	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1014	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1015	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1016	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1017	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1018	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1019	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1020	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1021	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1022	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1023	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1024	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1025	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1026	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1027	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1028	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1029	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1030	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1031	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1032	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1033	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1034	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1037	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1042	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1043	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1044	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1045	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1046	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1047	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1048	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1071	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1072	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1073	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1074	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1075	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1076	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1077	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1078	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1079	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1080	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1081	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1082	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1083	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1084	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1085	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1086	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1087	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1088	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1089	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1090	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1091	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1092	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1093	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1094	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1095	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1096	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1097	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1098	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1099	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1100	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1101	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1102	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1103	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1106	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1107	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1108	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1109	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1112	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1113	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1114	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1115	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1116	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1117	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1118	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1119	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1120	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1121	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1122	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1123	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1124	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1125	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1126	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1127	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1128	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1129	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1130	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K

⚠Ref No.	Part No.	Part Name	DescriptionLocal
C1131	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1132	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1133	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1134	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1135	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1136	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1137	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1138	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1139	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1140	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1141	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1142	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1143	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1144	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1145	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1146	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1147	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1148	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1149	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1150	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1151	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1154	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1155	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1156	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1157	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1158	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1159	NEA71HM-225X	E CAPACITOR	2.2uF 50V M
C1172	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1173	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1174	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1176	GRM1881X1H392JA	C CAPACITOR	3900pF 50V J
C1177	GRM21B1X1H393JA	C CAPACITOR	0.039uF 50V J
C1178	NDC31HG-330C	C CAPACITOR	33pF 50V G
C1179	NDC31HG-330C	C CAPACITOR	33pF 50V G
C1180	NDC31HG-180C	C CAPACITOR	18pF 50V G
C1185	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1186	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1187	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1188	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1189	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1190	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1192	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1193	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1205	NDC31HG-680C	C CAPACITOR	68pF 50V G
C1206	NDC31HG-680C	C CAPACITOR	68pF 50V G
C1210	NDC31HG-150C	C CAPACITOR	15pF 50V G
C1219	NDC31HG-120C	C CAPACITOR	12pF 50V G
C1220	NDC31HG-270C	C CAPACITOR	27pF 50V G
C1227	NDC31HG-270C	C CAPACITOR	27pF 50V G
C1243	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1244	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1245	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1249	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1250	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1251	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1252	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1253	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1254	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1255	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1256	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1258	GRM31M1X1H823JA	C CAPACITOR	0.082uF 50V J
C1260	NDC21HG-822X	C CAPACITOR	8200pF 50V G
C1261	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1262	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1263	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1264	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1265	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1266	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1267	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1268	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1269	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1270	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1271	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1272	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1273	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1274	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1275	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1276	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1277	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1278	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1279	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1280	NDC31HG-151C	C CAPACITOR	150pF 50V G
C1281	NDC31HG-151C	C CAPACITOR	150pF 50V G
C1282	NCB31HK-152C	C CAPACITOR	1500pF 50V K
C1283	NCB31HK-152C	C CAPACITOR	1500pF 50V K
C1284	NDC31HG-4R0C	C CAPACITOR	4pF 50V G
C1285	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1286	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1287	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1288	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1289	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1290	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1291	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1292	NDC31HG-180C	C CAPACITOR	18pF 50V G
C1293	NCB31HK-102C	C CAPACITOR	1000pF 50V K
C1295	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1298	MVA25VC10MD55	E CAPACITOR	10uF 25V M
C1299	MVA25VC10MD55	E CAPACITOR	10uF 25V M
C1300	MVA25VC10MD55	E CAPACITOR	10uF 25V M
C1301	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1302	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1303	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1304	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1305	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1306	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1312	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1313	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1314	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1345	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1346	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1362	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1363	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1364	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1365	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1366	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1367	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1368	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1369	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1370	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1373	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1380	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1381	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1382	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1383	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1384	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1385	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1387	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1390	QETL1CM-107	E CAPACITOR	100uF 16V M
C1391	QETL0JM-108	E CAPACITOR	1000uF 6.3V M
R1001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1012	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R1013	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1015	NRSA63J-361X	MG RESISTOR	360Ω 1/16W J
R1021	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1022	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1023	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1024	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1025	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1026	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1027	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1028	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1029	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1030	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J
R1031	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J
R1032	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1034	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1035	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R1039	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1040	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1041	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1042	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1043	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1045	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1046	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1047	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1048	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1049	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1050	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1051	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1052	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1053	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1054	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1055	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1056	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1057	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1058	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1059	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1060	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1061	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1062	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1063	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
R1064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1065	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1067	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1068	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1069	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1070	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1071	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1072	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1073	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1074	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1075	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1076	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1077	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1078	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1079	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1080	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1081	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1082	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1083	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1084	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1085	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1086	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1087	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1088	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1089	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1090	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1091	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1092	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1093	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1095	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1096	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1097	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1099	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1100	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1101	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1102	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1105	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1106	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1107	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1109	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1110	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1113	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1114	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1116	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1117	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1118	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1119	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1120	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1121	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1123	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1124	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1125	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1126	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1127	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1129	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1130	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1132	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1133	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1134	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1142	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1143	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1144	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1145	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1146	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1147	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1148	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R1155	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1156	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1161	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J
R1166	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1171	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1174	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1175	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1185	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1186	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1188	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1189	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1190	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1191	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R1192	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R1193	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1194	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1195	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1210	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1211	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1212	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R1213	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R1214	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R1215	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1216	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1217	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1218	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1219	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1220	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1221	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1225	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1230	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1231	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1232	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1233	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1234	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1236	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1237	NRSA63J-120X	MG RESISTOR	12Ω 1/16W J
R1238	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1239	NQR0360-003X	FERRITE BEADS	
R1240	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RN1001	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1002	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1003	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1004	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1005	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1006	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1021	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1022	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1023	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1024	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1025	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1026	MNR14E0ABJ820	NET RESISTOR	82Ω 1/16W J
RN1027	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1028	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1029	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1030	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1031	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1032	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1033	MNR14E0ABJ330	NET RESISTOR	33Ω 1/16W J
RN1034	BK32164L241-T	INDUCTOR	
RN1035	BK32164L241-T	INDUCTOR	
RN1036	BK32164L241-T	INDUCTOR	
RN1037	BK32164L241-T	INDUCTOR	
RN1038	BK32164L241-T	INDUCTOR	
RN1039	BK32164L241-T	INDUCTOR	
RN1040	BK32164L241-T	INDUCTOR	
RN1041	BK32164L241-T	INDUCTOR	
RN1042	BK32164L241-T	INDUCTOR	
RN1043	BK32164L241-T	INDUCTOR	
RN1044	BK32164L241-T	INDUCTOR	
RN1045	BK32164L241-T	INDUCTOR	
RN1046	BK32164L241-T	INDUCTOR	
L1002	MLF2012A1R5KT	COIL	1.5uH K
L1003	MLF2012C150KT	COIL	150uH K
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1012	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1015	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1016	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1017	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1018	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1019	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1020	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1021	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1022	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1023	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1024	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1025	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1026	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
L1027	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1028	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1030	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1031	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1032	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1034	NQR0383-002X	CHOKE COIL	
L1035	NQR0383-002X	CHOKE COIL	
L1036	NQR0383-002X	CHOKE COIL	
L1037	NQR0383-002X	CHOKE COIL	
L1038	NQR0383-002X	CHOKE COIL	
L1040	LFA20-2A1E683MT	FILTER	
CP1012	DF14A-30P-1R25H	CONNECTOR	
CW1020	WFG05A195	CONNECTOR	
FB1001	NQR0155-003X	FERRITE CORE	
FB1005	NQR0155-003X	FERRITE CORE	
FB1006	NQR0155-003X	FERRITE CORE	
FB1007	NQR0155-003X	FERRITE CORE	
FB1008	NQR0155-003X	FERRITE CORE	
FB1009	NQR0155-003X	FERRITE CORE	
FB1010	NQR0155-003X	FERRITE CORE	
FB1011	NQR0155-003X	FERRITE CORE	
FB1014	NQR0155-003X	FERRITE CORE	
FB1016	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1019	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1020	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1021	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1022	NQR0155-003X	FERRITE CORE	
FB1023	NQR0155-003X	FERRITE CORE	
FB1024	NQR0155-003X	FERRITE CORE	
FB1025	NQR0155-003X	FERRITE CORE	
FB1026	NQR0155-003X	FERRITE CORE	
FB1027	NQR0155-003X	FERRITE CORE	
FB1031	NQR0155-003X	FERRITE CORE	
FB1032	LQM21FN2R2N00D	COIL	2.2uH 150mA
FB1050	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1051	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1052	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1053	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
JP1001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X1001	NAX0795-001X		
X1002	CX-5F-14R31818M	CRYSTAL	
X1003	MA-406-42MHZ	CRYSTAL	

POWER P.W. BOARD ASS'Y (QAL0756-001)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
U1	T1001-00091A	IC	
U2	T1001-00092A	IC	
U3	T1001-00096A	IC	
U4	T1001-00031A	IC	
U5	T1001-00092A	IC	
U6	T1001-00031A	IC	
U7	T1001-00093A	IC	
Q1	T0507-00009A	TRANSISTOR	
Q2	T0507-00009A	TRANSISTOR	
Q3	T0507-00010A	TRANSISTOR	
Q4	T0501-00006A	POWER MOS FET	
Q5	T0501-00007A	POWER MOS FET	
Q6	T0507-00010A	TRANSISTOR	
Q7	T0501-00010A	TRANSISTOR	
Q8	T0501-00009A	POWER MOS FET	
Q9	T0507-00009A	TRANSISTOR	
Q10	T0507-00009A	TRANSISTOR	
Q11	T0507-00010A	TRANSISTOR	
Q12	T0501-00008A	POWER MOS FET	
Q13	T0507-00010A	TRANSISTOR	
Q14	T0507-00009A	TRANSISTOR	
D1	T0402-00012A	DIODE	
D2	T0402-00014A	DIODE	
D4	T0407-00001A	DIODE	
D5	T0407-00001A	DIODE	
D6	T0402-00013A	DIODE	
D7	T0402-00013A	DIODE	
D8	T0402-00015A	DIODE	
D9	T0402-00016A	DIODE	
D10	T0407-00001A	DIODE	
D11	T0407-00001A	DIODE	
D12	T0402-00013A	DIODE	
D14	T0402-00017A	DIODE	
D15	T0402-00017A	DIODE	
D16	T0407-00001A	DIODE	
D17	T0407-00001A	DIODE	
D18	T0407-00001A	DIODE	
⚠PC1	T1001-00094A	PHOTO COUPLER	
⚠PC2	T1001-00094A	PHOTO COUPLER	
⚠PC3	T1001-00094A	PHOTO COUPLER	
C2	T2306-TB105A	F CAPACITOR	1uF 630V J
C3	T2203-FC103E	C CAPACITOR	0.01uF 50V K
C4	T2203-FC101E	C CAPACITOR	0.01uF 50V J
C5	T2203-DC105E	C CAPACITOR	1uF 16V K
C6	T2203-DC105E	C CAPACITOR	1uF 16V K
C7	T2401-ET100O	E CAPACITOR	10uF 35V
C8	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C9	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C10	T2201-PB103A	C CAPACITOR	0.01uF 1KV Z
C11	T2401-NB150O	E CAPACITOR	150uF 450V
C12	T2401-FT220O	E CAPACITOR	22uF 50V
C13	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C14	T2203-FC102E	C CAPACITOR	1000pF 50V K
C15	T2203-FC102E	C CAPACITOR	1000pF 50V K
C16	T2306-TB472A	F CAPACITOR	4700pF 630V K
C17	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C18	T2401-ET101O	E CAPACITOR	100uF 35V
C19	T2201-PB222A	C CAPACITOR	2200pF 1KV K
C20	T2401-DT471O	E CAPACITOR	470uF 25V
C22	T2401-DT102O	E CAPACITOR	1000uF 25V
C23	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C24	T2201-PB102A	C CAPACITOR	1000pF 1KV K
C25	T2401-BT332O	E CAPACITOR	3300uF 10V
C26	T2401-BT332O	E CAPACITOR	3300uF 10V
C27	T2401-BT102O	E CAPACITOR	1000uF 10V
C28	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C29	T2401-ET101O	E CAPACITOR	100uF 35V
C30	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C31	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C32	T2401-FT220O	E CAPACITOR	22uF 50V
C33	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C34	T2203-FC102E	C CAPACITOR	1000pF 50V K
C35	T2203-FC102E	C CAPACITOR	1000pF 50V K
C36	T2203-FC102E	C CAPACITOR	1000pF 50V K
C37	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C38	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C39	T2306-TB472A	F CAPACITOR	4700pF 630V K
C40	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C41	T2201-PB102A	C CAPACITOR	1000pF 1KV K
C42	T2401-ET222O	E CAPACITOR	2200uF 35V
C43	T2401-ET222O	E CAPACITOR	2200uF 35V
C44	T2401-ET122O	E CAPACITOR	1200uF 35V
C45	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C46	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C47	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C48	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C49	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C50	T2401-ET100O	E CAPACITOR	10uF 35V
C52	T2301-HT104A	C CAPACITOR	0.1uF 100V K
C21A	T2401-DT471O	E CAPACITOR	470uF 25V
C21B	T2401-DT471O	E CAPACITOR	470uF 25V
C27B	T2401-BT102O	E CAPACITOR	1000uF 10V
CX1	T2306-U105A	F CAPACITOR	1uF 275V
CX3	T2306-U474A	F CAPACITOR	0.47uF 275V
CX5	T2201-MB102A	C CAPACITOR	1000pF
CX6	T2201-MB102A	C CAPACITOR	1000pF
CY1	T2201-MB102A	C CAPACITOR	1000pF
⚠CY2	2201-000987	C CAPACITOR	2200pF
R1	T2007-IC364J	C RESISTOR	360KΩ J
R2	T2007-IC474J	C RESISTOR	470KΩ J
R3	T2007-IC434J	C RESISTOR	430KΩ J
R4	T2007-IC564J	C RESISTOR	560KΩ J
R5	T2007-IC123F	C RESISTOR	12KΩ F
R6	T2007-IC102J	C RESISTOR	1KΩ J
R6	T2007-IC273J	C RESISTOR	27KΩ J
R7	T2007-IC221J	C RESISTOR	220Ω J
R8	T2007-IC273J	C RESISTOR	27KΩ J
R9	T2007-IC222J	C RESISTOR	2.2KΩ J
R10	T2007-IC100J	C RESISTOR	10Ω J
R11	T2007-JC470J	C RESISTOR	47Ω J
R12	T2007-IC102J	C RESISTOR	1KΩ J
R13	T2007-IC304J	C RESISTOR	300KΩ J
R14	T2007-IC304J	C RESISTOR	300KΩ J
R15	T2007-IC304J	C RESISTOR	300KΩ J
R16	T2007-IC304J	C RESISTOR	300KΩ J
R17	T2007-IC752F	C RESISTOR	7.5KΩ F
R18	T2007-IC391J	C RESISTOR	390Ω J
R19	T2007-IC471J	C RESISTOR	470Ω J
R20	T2007-IC682J	C RESISTOR	6.8KΩ J
R21	T2007-IC682J	C RESISTOR	6.8KΩ J
R22	T2007-IC682J	C RESISTOR	6.8KΩ J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
R23	T2007-IC222J	C RESISTOR	2.2KΩ J
R24	T2007-JC470J	C RESISTOR	47Ω J
R25	T2007-IC103J	C RESISTOR	10KΩ J
R26	T2007-IC102J	C RESISTOR	1KΩ J
R27	T2003-ET823A	MF RESISTOR	82KΩ 3W J
R28	T2007-IC153J	C RESISTOR	15KΩ J
R29	T2007-IC222J	C RESISTOR	2.2KΩ J
R30	T2007-IC153J	C RESISTOR	15KΩ J
R31	T2007-IC102J	C RESISTOR	1KΩ J
R32	T2007-IC153J	C RESISTOR	15KΩ J
R33	T2003-CT4R7R	MF RESISTOR	4.7Ω 1W J
R34	T2003-ET470A	MF RESISTOR	47Ω 3W J
R35	T2007-IC103J	C RESISTOR	10KΩ J
R36	T2007-IC103J	C RESISTOR	10KΩ J
R37	T2007-IC273J	C RESISTOR	27KΩ J
R38	T2003-ET220A	MF RESISTOR	22Ω 3W J
R39	T2007-JC122J	C RESISTOR	1.2KΩ J
R40	T2007-IC392J	C RESISTOR	3.9KΩ J
R41	T2007-IC222J	C RESISTOR	2.2KΩ J
R42	T2007-IC471J	C RESISTOR	470Ω J
R43	T2007-IC222J	C RESISTOR	2.2KΩ J
R44	T2007-IC101J	C RESISTOR	100Ω J
R45	T2007-IC101F	C RESISTOR	100Ω F
R46	T2007-IC202F	C RESISTOR	2KΩ F
R47	T2007-IC202F	C RESISTOR	2KΩ F
R48	T2003-CT1R5R	MF RESISTOR	1.5Ω 1W J
R49	T2007-IC153J	C RESISTOR	15KΩ J
R50	T2007-IC103J	C RESISTOR	10KΩ J
R51	T2007-IC153J	C RESISTOR	15KΩ J
R52	T2007-IC100J	C RESISTOR	10Ω J
R53	T2007-JC470J	C RESISTOR	47Ω J
R54	T2007-IC103J	C RESISTOR	10KΩ J
R55	T2003-ET224A	MF RESISTOR	220KΩ 3W J
R56	T2003-ET224A	MF RESISTOR	220KΩ 3W J
R57	T2007-IC123F	C RESISTOR	12KΩ F
R58	T2007-IC153J	C RESISTOR	15KΩ J
R59	T2007-IC103J	C RESISTOR	10KΩ J
R60	T2003-ET220A	MF RESISTOR	22Ω 3W J
R61	T2007-IC153J	C RESISTOR	15KΩ J
R62	T2007-JC122J	C RESISTOR	1.2KΩ J
R63	T2007-JC122J	C RESISTOR	1.2KΩ J
R64	T2007-IC222J	C RESISTOR	2.2KΩ J
R65	T2007-IC101J	C RESISTOR	100Ω J
R66	T2007-IC153F	C RESISTOR	15KΩ F
R67	T2007-IC242F	C RESISTOR	2.4KΩ F
R68	T2007-IC202F	C RESISTOR	2KΩ F
R69	T2007-IC123F	C RESISTOR	12KΩ F
R70	T2007-IC152J	C RESISTOR	1.5KΩ J
R71	T2007-IC181J	C RESISTOR	180Ω J
R72	T2007-IC181J	C RESISTOR	180Ω J
R73	T2007-IC123F	C RESISTOR	12KΩ F
R74	T2007-IC153J	C RESISTOR	15KΩ J
R75	T2007-IC683J	C RESISTOR	68KΩ J
R76	T2007-IC222J	C RESISTOR	2.2KΩ J
R77	T2007-IC562J	C RESISTOR	5.6KΩ J
R78	T2007-JC331J	C RESISTOR	330Ω J
R79	T2007-IC562J	C RESISTOR	5.6KΩ J
R80	T2007-IC562J	C RESISTOR	5.6KΩ J
R81	T2007-IC153J	C RESISTOR	15KΩ J
R82	T2007-IC102J	C RESISTOR	1KΩ J
R83	T2007-IC153J	C RESISTOR	15KΩ J
R84	T2007-IC562J	C RESISTOR	5.6KΩ J
R85	T2007-IC102J	C RESISTOR	1KΩ J
R87	T2007-IC103J	C RESISTOR	10KΩ J
R88	T2007-IC222J	C RESISTOR	2.2KΩ J
R89	T2007-IC102J	C RESISTOR	1KΩ J
R34B	T2003-ET470A	MF RESISTOR	47Ω 3W J
RX	T2007-JC564J	C RESISTOR	560KΩ J
RX1	T2007-JC564J	C RESISTOR	560KΩ J
RX1	T2007-JC564J	C RESISTOR	560KΩ J
RX2	T2007-JC564J	C RESISTOR	560KΩ J
L1	TV49-00005A	CHOKE BAR	5.5uH
L3	TV09-00004A	CHOKE BAR	5.0uH
L4	TA49-00004A	INDUCTOR FILTER	100uH 7A
⚠T1	TV26-26L01A	TRANSFOMER	
⚠T2	TV26-26L02A	TRANSFOMER	
⚠T3	TV26-26L03A	TRANSFOMER	
BD1	T0402-00011A	BRIDGE-DIODE	
CN1	T3711-00039	CONNECTOR	
CN2	T3711-00040	CONNECTOR	
CN3	T3711-00041	CONNECTOR	
CN4	A2001WV2-4P	CONNECTOR	
FB2	T2901-JC008A	FERRITE BEAD	
FB3	T2901-JC008A	FERRITE BEAD	
FB4	T2901-JC008A	FERRITE BEAD	
FB5	T2901-JC008A	FERRITE BEAD	
FB6	T2901-JC008A	FERRITE BEAD	
FB7	T2901-JC008A	FERRITE BEAD	
FB8	T2901-JC008A	FERRITE BEAD	
FB9	T2901-IC009A	FERRITE BEAD	
⚠FU1	3601-000297	FUSE	250V 5A
⚠LF1	AB63-00012A	LINE FILTER	15mH 4A
⚠LF2	AB63-00012A	LINE FILTER	15mH 4A
⚠NT1	T1404-00001A	THERMISTOR	
RC1	T2007-JC224J	C RESISTOR	220KΩ J
RC2	T2007-JC224J	C RESISTOR	220KΩ J
RC3	T2007-JC224J	C RESISTOR	220KΩ J
RS1	T2003-ETR15A	R-WIRE	0.15Ω 3W J
RS2	T2003-ETR62A	R-WIRE	0.62Ω 3W J
RS3	T2003-ET0R2A	R-WIRE	0.2Ω 3W J
SC1	T0501-00011A	SCR	0.8A 30V
VX1	T1405-0011A	VARISTOR	
VX4	T1405-0011A	VARISTOR	
ZD1	T0408-00007A	Z DIODE	
ZD2	T0408-00006A	Z DIODE	
ZD3	T0408-00008A	Z DIODE	
ZD4	T0408-00007A	Z DIODE	
ZD5	T0408-00005A	Z DIODE	
ZD6	T0408-00005A	Z DIODE	
ZD7	T0408-00005A	Z DIODE	
ZD8	T0408-00008A	Z DIODE	
ZD9	T0408-00007A	Z DIODE	
ZD10	T0408-00006A	Z DIODE	

KEY P.W. BOARD ASS'Y (QAL0759-001)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
D201	UDZSTE-17-5R6B	DIODE	
ZD228	UDZSTE-17-5R6B	DIODE	
ZD229	UDZSTE-17-5R6B	DIODE	
C246	NCB31HK-332C	C CAPACITOR	3300pF 50V K
C247	NCB31HK-332C	C CAPACITOR	3300pF 50V K
R205	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R206	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R207	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R208	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R209	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R293	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
L226	NQR0413-003X	FERRITE BEADS	
L227	NQR0413-003X	FERRITE BEADS	
L240	NQR0413-003X	FERRITE BEADS	
J207	CK35-10	JACK	HEADPHONE
S201	JTP1289	TACT SWITCH	POWER
S202	JTP1289	TACT SWITCH	INPUT
S203	JTP1289	TACT SWITCH	MENU
S204	JTP1289	TACT SWITCH	VOL -
S205	JTP1289	TACT SWITCH	VOL +
S206	JTP1289	TACT SWITCH	CH -
S207	JTP1289	TACT SWITCH	CH +

LED P.W. BOARD ASS'Y (QAL0758-001)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
D701	SLR-332MG	LED	POWER
D702	UDZSTE-17-5R6B	DIODE	
C729	NCB31HK-102C	C CAPACITOR	1000pF 50V K
C730	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
R7A6	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7A7	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
IR701	PIC-37143TH5	IR DETECT UNIT	

PRINTED WIRING BOARD PARTS LIST [LT-32X506/S]

MAIN P.W. BOARD ASS'Y (QAL0753-001)

REFER TO PARTS LIST IN PAGE 3-5 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (QAL0755-001)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
IC1000	TC90288BXBG	IC	
IC1001	MTL013	IC	
IC1002	TA1318AF	IC	
IC1008	BA25BC0FP	IC	
IC1010	AD9883AKST-110	IC	
IC1012	BA15BC0FP	IC	
IC1014	BA25BC0FP	IC	
IC1015	DS90C385AMTX	IC	
IC1016	BA178M09FP	IC	
IC1019	ATE16-32X506S	IC	(SERVICE)
Q1001	2SC2412K-T146R	TRANSISTOR	
Q1002	2SC2412K-T146R	TRANSISTOR	
Q1003	2SC2412K-T146R	TRANSISTOR	
Q1004	2SC2412K-T146R	TRANSISTOR	
Q1005	2SC2412K-T146R	TRANSISTOR	
Q1006	2SC2412K-T146R	TRANSISTOR	
Q1007	2SC2412K-T146R	TRANSISTOR	
Q1008	2SC2412K-T146R	TRANSISTOR	
Q1009	2SC2412K-T146R	TRANSISTOR	
Q1010	2SA1037AK-T146R	TRANSISTOR	
Q1011	2SA1037AK-T146R	TRANSISTOR	
Q1012	2SA1037AK-T146R	TRANSISTOR	
Q1013	2SA1037AK-T146R	TRANSISTOR	
Q1014	2SA1037AK-T146R	TRANSISTOR	
Q1015	2SA1037AK-T146R	TRANSISTOR	
Q1016	2SA1037AK-T146R	TRANSISTOR	
Q1017	2SA1037AK-T146R	TRANSISTOR	
Q1020	5LN01M-TL	TRANSISTOR	
Q1021	5LN01M-TL	TRANSISTOR	
Q1023	5LN01M-TL	TRANSISTOR	
Q1024	2SA1037AK-T146R	TRANSISTOR	
Q1025	DTC144EKA	TRANSISTOR	
Q1026	5LN01M-TL	TRANSISTOR	
Q1027	2SK2503	TRANSISTOR	
Q1028	5LN01M-TL	TRANSISTOR	
Q1029	5LN01M-TL	TRANSISTOR	
Q1030	5LN01M-TL	TRANSISTOR	
Q1031	5LN01M-TL	TRANSISTOR	
Q1032	5LN01M-TL	TRANSISTOR	
Q1033	5LN01M-TL	TRANSISTOR	
D1001	UDZSTE-17-5R6B	DIODE	
D1003	UDZSTE-17-5R6B	DIODE	
D1004	UDZSTE-17-5R6B	DIODE	
D1005	UDZSTE-17-5R6B	DIODE	
D1006	UDZSTE-17-5R6B	DIODE	
D1007	UDZSTE-17-5R6B	DIODE	
D1008	UDZSTE-17-5R6B	DIODE	
D1010	UDZSTE-17-5R6B	DIODE	
C1001	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1002	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1003	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1004	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1005	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1006	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1007	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1008	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1009	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1010	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1011	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1012	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1013	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1014	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1015	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1016	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1017	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1018	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1019	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1020	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1021	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1022	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1023	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1024	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1025	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1026	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1027	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1028	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1029	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1030	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1031	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1032	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1033	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1034	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1037	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1042	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1043	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1044	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1045	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1046	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1047	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1048	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1071	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1072	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1073	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1074	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1075	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1076	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1077	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1078	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1079	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1080	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1081	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1082	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1083	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1084	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1085	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1086	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1087	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1088	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1089	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1090	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1091	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1092	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1093	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1094	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1095	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1096	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1097	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1098	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1099	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1100	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1101	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1102	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1103	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1106	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1107	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1108	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1109	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1112	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1113	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1114	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1115	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1116	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1117	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1118	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1119	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1120	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1121	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1122	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1123	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1124	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1125	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1126	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1127	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1128	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1129	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1130	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1131	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1132	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1133	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1134	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1135	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1136	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1137	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1138	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1139	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1140	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1141	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1142	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1143	C1608JB1C105KT	C CAPACITOR	1uF 16V K

⚠Ref No.	Part No.	Part Name	DescriptionLocal
C1144	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1145	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1146	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1147	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1148	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1149	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1150	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1151	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1154	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1155	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1156	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1157	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1158	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1159	NEA71HM-225X	E CAPACITOR	2.2uF 50V M
C1172	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1173	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1174	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1176	GRM1881X1H392JA	C CAPACITOR	3900pF 50V J
C1177	GRM21B1X1H393JA	C CAPACITOR	0.039uF 50V J
C1178	NDC31HG-330C	C CAPACITOR	33pF 50V G
C1179	NDC31HG-330C	C CAPACITOR	33pF 50V G
C1180	NDC31HG-180C	C CAPACITOR	18pF 50V G
C1185	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1186	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1187	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1188	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1189	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1190	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1192	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1193	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1205	NDC31HG-680C	C CAPACITOR	68pF 50V G
C1206	NDC31HG-680C	C CAPACITOR	68pF 50V G
C1210	NDC31HG-150C	C CAPACITOR	15pF 50V G
C1219	NDC31HG-120C	C CAPACITOR	12pF 50V G
C1220	NDC31HG-270C	C CAPACITOR	27pF 50V G
C1227	NDC31HG-270C	C CAPACITOR	27pF 50V G
C1243	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1244	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1245	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1249	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1250	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1251	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1252	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1253	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1254	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1255	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1256	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1258	GRM31M1X1H823JA	C CAPACITOR	0.082uF 50V J
C1260	NDC21HG-822X	C CAPACITOR	8200pF 50V G
C1261	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1262	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1263	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1264	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1265	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1266	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1267	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1268	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1269	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1270	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1271	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1272	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1273	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1274	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1275	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1276	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1277	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1278	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1279	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1280	NDC31HG-151C	C CAPACITOR	150pF 50V G
C1281	NDC31HG-151C	C CAPACITOR	150pF 50V G
C1282	NCB31HK-152C	C CAPACITOR	1500pF 50V K
C1283	NCB31HK-152C	C CAPACITOR	1500pF 50V K
C1284	NDC31HG-4R0C	C CAPACITOR	4pF 50V G
C1285	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1286	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1287	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1288	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1289	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1290	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1291	MVA16VC22MD55	E CAPACITOR	22uF 16V M
C1292	NDC31HG-180C	C CAPACITOR	18pF 50V G
C1293	NCB31HK-102C	C CAPACITOR	1000pF 50V K
C1295	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1298	MVA25VC10MD55	E CAPACITOR	10uF 25V M
C1299	MVA25VC10MD55	E CAPACITOR	10uF 25V M
C1300	MVA25VC10MD55	E CAPACITOR	10uF 25V M
C1301	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1302	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1303	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1304	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1305	MVA10VC47ME55	E CAPACITOR	47uF 10V M
C1306	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1312	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1313	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1314	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1345	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1346	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1362	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1363	MVA10VC100MF55	E CAPACITOR	100uF 10V M
C1364	MVA6R3VC100ME55	E CAPACITOR	100uF 6.3V M
C1365	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1366	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1367	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1368	MVA16VC100MF55	E CAPACITOR	100uF 16V M
C1369	NCB31HK-103C	C CAPACITOR	0.01uF 50V K
C1370	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1373	C1608JF1H104ZT	C CAPACITOR	0.1uF 50V K
C1380	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1381	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1382	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1383	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1384	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1385	NDC31HG-220C	C CAPACITOR	22pF 50V G
C1387	C1608JB1C105KT	C CAPACITOR	1uF 16V K
C1390	QETL1CM-107	E CAPACITOR	100uF 16V M
C1391	QETL0JM-108	E CAPACITOR	1000uF 6.3V M
R1001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1012	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R1013	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1015	NRSA63J-361X	MG RESISTOR	360Ω 1/16W J
R1021	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1022	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1023	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1024	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1025	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1026	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1027	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1028	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1029	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J
R1030	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J
R1031	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J
R1032	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1034	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1035	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R1039	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1040	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1041	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1042	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1043	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1045	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1046	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1047	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1048	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R1049	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1050	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1051	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1052	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1053	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1054	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1055	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1056	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1057	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1058	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1059	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1060	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1061	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1062	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1063	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1065	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1067	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1068	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1069	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1070	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1071	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1072	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1073	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1074	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1075	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1076	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
R1077	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1078	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1079	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1080	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1081	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R1082	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1083	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1084	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1085	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1086	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1087	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1088	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1089	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1090	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R1091	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1092	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1093	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1095	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1096	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1097	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1099	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1100	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1101	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1102	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1105	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1106	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1107	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1109	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1110	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1113	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1114	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1116	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1117	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1118	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1119	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1120	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1121	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1123	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1124	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1125	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1126	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1127	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1129	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1130	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1132	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1133	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1134	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1142	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1143	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1144	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1145	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1146	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1147	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1148	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R1155	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1156	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1161	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J
R1166	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1171	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1174	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1175	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1185	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1186	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1188	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1189	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1190	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1191	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R1192	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
R1193	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1194	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1195	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1203	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1210	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1211	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1212	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R1213	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R1214	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R1215	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1216	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1217	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1218	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1219	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1220	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1221	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1224	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1225	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1230	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1231	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1232	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1233	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1234	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1236	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R1237	NRSA63J-120X	MG RESISTOR	12Ω 1/16W J
R1238	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1239	NQR0360-003X	FERRITE BEADS	
R1240	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RN1001	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1002	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1003	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1004	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1005	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1006	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1021	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1022	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1023	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1024	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1025	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1026	MNR14E0ABJ820	NET RESISTOR	82Ω 1/16W J
RN1027	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1028	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1029	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1030	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1031	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1032	MNR14E0ABJ151	NET RESISTOR	150Ω 1/16W J
RN1033	MNR14E0ABJ330	NET RESISTOR	33Ω 1/16W J
RN1034	BK32164L241-T	INDUCTOR	
RN1035	BK32164L241-T	INDUCTOR	
RN1036	BK32164L241-T	INDUCTOR	
RN1037	BK32164L241-T	INDUCTOR	
RN1038	BK32164L241-T	INDUCTOR	
RN1039	BK32164L241-T	INDUCTOR	
RN1040	BK32164L241-T	INDUCTOR	
RN1041	BK32164L241-T	INDUCTOR	
RN1042	BK32164L241-T	INDUCTOR	
RN1043	BK32164L241-T	INDUCTOR	
RN1044	BK32164L241-T	INDUCTOR	
RN1045	BK32164L241-T	INDUCTOR	
RN1046	BK32164L241-T	INDUCTOR	
L1002	MLF2012A1R5KT	COIL	1.5uH K
L1003	MLF2012C150KT	COIL	150uH K
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1012	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1015	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1016	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1017	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1018	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1019	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1020	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1021	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1022	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1023	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1024	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1025	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1026	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1027	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1028	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1030	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1031	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1032	LQM21FN2R2N00D	COIL	2.2uH 150mA
L1034	NQR0383-002X	CHOKE COIL	
L1035	NQR0383-002X	CHOKE COIL	
L1036	NQR0383-002X	CHOKE COIL	
L1037	NQR0383-002X	CHOKE COIL	
L1038	NQR0383-002X	CHOKE COIL	
L1040	LFA20-2A1E683MT	FILTER	
CP1012	DF14A-30P-1R25H	CONNECTOR	

⚠Ref No.	Part No.	Part Name	DescriptionLocal
CW1020	WFG05A195	CONNECTOR	
FB1001	NQR0155-003X	FERRITE CORE	
FB1005	NQR0155-003X	FERRITE CORE	
FB1006	NQR0155-003X	FERRITE CORE	
FB1007	NQR0155-003X	FERRITE CORE	
FB1008	NQR0155-003X	FERRITE CORE	
FB1009	NQR0155-003X	FERRITE CORE	
FB1010	NQR0155-003X	FERRITE CORE	
FB1011	NQR0155-003X	FERRITE CORE	
FB1014	NQR0155-003X	FERRITE CORE	
FB1016	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1019	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1020	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1021	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1022	NQR0155-003X	FERRITE CORE	
FB1023	NQR0155-003X	FERRITE CORE	
FB1024	NQR0155-003X	FERRITE CORE	
FB1025	NQR0155-003X	FERRITE CORE	
FB1026	NQR0155-003X	FERRITE CORE	
FB1027	NQR0155-003X	FERRITE CORE	
FB1031	NQR0155-003X	FERRITE CORE	
FB1032	LQM21FN2R2N00D	COIL	2.2uH 150mA
FB1050	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1051	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1052	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
FB1053	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
JP1001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X1001	NAX0795-001X		
X1002	CX-5F-14R31818M	CRYSTAL	
X1003	MA-406-42MHZ	CRYSTAL	

POWER P.W. BOARD ASS'Y (QAL0757-001)

⚠Ref No.	Part No.	Part Name	DescriptionLocal
U1	T1001-00091A	IC	
U2	T1001-00092A	IC	
U3	T1001-00096A	IC	
U4	T1001-00031A	IC	
U5	T1001-00092A	IC	
U6	T1001-00031A	IC	
U7	T1001-00093A	IC	
Q1	T0507-00009A	TRANSISTOR	
Q2	T0507-00009A	TRANSISTOR	
Q3	T0507-00010A	TRANSISTOR	
Q4	T0501-00006A	POWER MOS FET	
Q5	T0501-00007A	POWER MOS FET	
Q6	T0507-00010A	TRANSISTOR	
Q7	T0501-00010A	TRANSISTOR	
Q8	T0501-00009A	POWER MOS FET	
Q9	T0507-00009A	TRANSISTOR	
Q10	T0507-00009A	TRANSISTOR	
Q11	T0507-00010A	TRANSISTOR	
Q12	T0501-00008A	POWER MOS FET	
Q13	T0507-00010A	TRANSISTOR	
Q14	T0507-00009A	TRANSISTOR	
D1	T0402-00012A	DIODE	
D2	T0402-00014A	DIODE	
D4	T0407-00001A	DIODE	
D5	T0407-00001A	DIODE	
D6	T0402-00013A	DIODE	
D7	T0402-00013A	DIODE	
D8	T0402-00015A	DIODE	
D9	T0402-00016A	DIODE	
D10	T0407-00001A	DIODE	
D11	T0407-00001A	DIODE	
D12	T0402-00013A	DIODE	
D14	T0402-00017A	DIODE	
D15	T0402-00017A	DIODE	
D16	T0407-00001A	DIODE	
D17	T0407-00001A	DIODE	
D18	T0407-00001A	DIODE	
⚠PC1	T1001-00094A	PHOTO COUPLER	
⚠PC2	T1001-00094A	PHOTO COUPLER	
⚠PC3	T1001-00094A	PHOTO COUPLER	
C2	T2306-TB105A	F CAPACITOR	1uF 630V J
C3	T2203-FC103E	C CAPACITOR	0.01uF 50V K
C4	T2203-FC101E	C CAPACITOR	0.01uF 50V J
C5	T2203-DC105E	C CAPACITOR	1uF 16V K
C6	T2203-DC105E	C CAPACITOR	1uF 16V K
C7	T2401-ET100O	E CAPACITOR	10uF 35V

⚠Ref No.	Part No.	Part Name	DescriptionLocal
C8	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C9	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C10	T2201-PB103A	C CAPACITOR	0.01uF 1KV Z
C11	T2401-NB150O	E CAPACITOR	150uF 450V
C12	T2401-FT220O	E CAPACITOR	22uF 50V
C13	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C14	T2203-FC102E	C CAPACITOR	1000pF 50V K
C15	T2203-FC102E	C CAPACITOR	1000pF 50V K
C16	T2306-TB472A	F CAPACITOR	4700pF 630V K
C17	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C18	T2401-ET101O	E CAPACITOR	100uF 35V
C19	T2201-PB222A	C CAPACITOR	2200pF 1KV K
C20	T2401-DT471O	E CAPACITOR	470uF 25V
C22	T2401-DT102O	E CAPACITOR	1000uF 25V
C23	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C24	T2201-PB102A	C CAPACITOR	1000pF 1KV K
C25	T2401-BT332O	E CAPACITOR	3300uF 10V
C26	T2401-BT332O	E CAPACITOR	3300uF 10V
C27	T2401-BT102O	E CAPACITOR	1000uF 10V
C28	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C29	T2401-ET101O	E CAPACITOR	100uF 35V
C30	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C31	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C32	T2401-FT220O	E CAPACITOR	22uF 50V
C33	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C34	T2203-FC102E	C CAPACITOR	1000pF 50V K
C35	T2203-FC102E	C CAPACITOR	1000pF 50V K
C36	T2203-FC102E	C CAPACITOR	1000pF 50V K
C37	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C38	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C39	T2306-TB472A	F CAPACITOR	4700pF 630V K
C40	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C41	T2201-PB102A	C CAPACITOR	1000pF 1KV K
C42	T2401-ET222O	E CAPACITOR	2200uF 35V
C43	T2401-ET222O	E CAPACITOR	2200uF 35V
C44	T2401-ET122O	E CAPACITOR	1200uF 35V
C45	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C46	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C47	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C48	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C49	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C50	T2401-ET100O	E CAPACITOR	10uF 35V
C52	T2301-HT104A	C CAPACITOR	0.1uF 100V K
C21A	T2401-DT471O	E CAPACITOR	470uF 25V
C21B	T2401-DT471O	E CAPACITOR	470uF 25V
C27B	T2401-BT102O	E CAPACITOR	1000uF 10V
CX1	T2306-U105A	F CAPACITOR	1uF 275V
CX3	T2306-U474A	F CAPACITOR	0.47uF 275V
CX5	T2201-MB102A	C CAPACITOR	1000pF
CX6	T2201-MB102A	C CAPACITOR	1000pF
CY1	T2201-MB102A	C CAPACITOR	1000pF
⚠CY2	2201-000987	C CAPACITOR	2200pF
R1	T2007-IC364J	C RESISTOR	360KΩ J
R2	T2007-IC474J	C RESISTOR	470KΩ J
R3	T2007-IC434J	C RESISTOR	430KΩ J
R4	T2007-IC564J	C RESISTOR	560KΩ J
R5	T2007-IC123F	C RESISTOR	12KΩ F
R6	T2007-IC102J	C RESISTOR	1KΩ J
R6	T2007-IC273J	C RESISTOR	27KΩ J
R7	T2007-IC221J	C RESISTOR	220Ω J
R8	T2007-IC273J	C RESISTOR	27KΩ J
R9	T2007-IC222J	C RESISTOR	2.2KΩ J
R10	T2007-IC100J	C RESISTOR	10Ω J
R11	T2007-JC470J	C RESISTOR	47Ω J
R12	T2007-IC102J	C RESISTOR	1KΩ J
R13	T2007-IC304J	C RESISTOR	300KΩ J
R14	T2007-IC304J	C RESISTOR	300KΩ J
R15	T2007-IC304J	C RESISTOR	300KΩ J
R16	T2007-IC304J	C RESISTOR	300KΩ J
R17	T2007-IC752F	C RESISTOR	7.5KΩ F
R18	T2007-IC391J	C RESISTOR	390Ω J
R19	T2007-IC471J	C RESISTOR	470Ω J
R20	T2007-IC682J	C RESISTOR	6.8KΩ J
R21	T2007-IC682J	C RESISTOR	6.8KΩ J
R22	T2007-IC682J	C RESISTOR	6.8KΩ J
R23	T2007-IC222J	C RESISTOR	2.2KΩ J
R24	T2007-JC470J	C RESISTOR	47Ω J
R25	T2007-IC103J	C RESISTOR	10KΩ J
R26	T2007-IC102J	C RESISTOR	1KΩ J
R27	T2003-ET823A	MF RESISTOR	82KΩ 3W J
R28	T2007-IC153J	C RESISTOR	15KΩ J
R29	T2007-IC222J	C RESISTOR	2.2KΩ J
R30	T2007-IC153J	C RESISTOR	15KΩ J
R31	T2007-IC102J	C RESISTOR	1KΩ J
R32	T2007-IC153J	C RESISTOR	15KΩ J
R33	T2003-CT4R7R	MF RESISTOR	4.7Ω 1W J
R34	T2003-ET470A	MF RESISTOR	47Ω 3W J
R35	T2007-IC103J	C RESISTOR	10KΩ J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
R36	T2007-IC103J	C RESISTOR	10KΩ J
R37	T2007-IC273J	C RESISTOR	27KΩ J
R38	T2003-ET220A	MF RESISTOR	22Ω 3W J
R39	T2007-JC122J	C RESISTOR	1.2KΩ J
R40	T2007-IC392J	C RESISTOR	3.9KΩ J
R41	T2007-IC222J	C RESISTOR	2.2KΩ J
R42	T2007-IC471J	C RESISTOR	470Ω J
R43	T2007-IC222J	C RESISTOR	2.2KΩ J
R44	T2007-IC101J	C RESISTOR	100Ω J
R45	T2007-IC101F	C RESISTOR	100Ω F
R46	T2007-IC202F	C RESISTOR	2KΩ F
R47	T2007-IC202F	C RESISTOR	2KΩ F
R48	T2003-CT1R5R	MF RESISTOR	1.5Ω 1W J
R49	T2007-IC153J	C RESISTOR	15KΩ J
R50	T2007-IC103J	C RESISTOR	10KΩ J
R51	T2007-IC153J	C RESISTOR	15KΩ J
R52	T2007-IC100J	C RESISTOR	10Ω J
R53	T2007-JC470J	C RESISTOR	47Ω J
R54	T2007-IC103J	C RESISTOR	10KΩ J
R55	T2003-ET224A	MF RESISTOR	220KΩ 3W J
R56	T2003-ET224A	MF RESISTOR	220KΩ 3W J
R57	T2007-IC123F	C RESISTOR	12KΩ F
R58	T2007-IC153J	C RESISTOR	15KΩ J
R59	T2007-IC103J	C RESISTOR	10KΩ J
R60	T2003-ET220A	MF RESISTOR	22Ω 3W J
R61	T2007-IC153J	C RESISTOR	15KΩ J
R62	T2007-JC122J	C RESISTOR	1.2KΩ J
R63	T2007-JC122J	C RESISTOR	1.2KΩ J
R64	T2007-IC222J	C RESISTOR	2.2KΩ J
R65	T2007-IC101J	C RESISTOR	100Ω J
R66	T2007-IC153F	C RESISTOR	15KΩ F
R67	T2007-IC242F	C RESISTOR	2.4KΩ F
R68	T2007-IC202F	C RESISTOR	2KΩ F
R69	T2007-IC123F	C RESISTOR	12KΩ F
R70	T2007-IC152J	C RESISTOR	1.5KΩ J
R71	T2007-IC181J	C RESISTOR	180Ω J
R72	T2007-IC181J	C RESISTOR	180Ω J
R73	T2007-IC123F	C RESISTOR	12KΩ F
R74	T2007-IC153J	C RESISTOR	15KΩ J
R75	T2007-IC683J	C RESISTOR	68KΩ J
R76	T2007-IC222J	C RESISTOR	2.2KΩ J
R77	T2007-IC562J	C RESISTOR	5.6KΩ J
R78	T2007-JC331J	C RESISTOR	330Ω J
R79	T2007-IC562J	C RESISTOR	5.6KΩ J
R80	T2007-IC562J	C RESISTOR	5.6KΩ J
R81	T2007-IC153J	C RESISTOR	15KΩ J
R82	T2007-IC102J	C RESISTOR	1KΩ J
R83	T2007-IC153J	C RESISTOR	15KΩ J
R84	T2007-IC562J	C RESISTOR	5.6KΩ J
R85	T2007-IC102J	C RESISTOR	1KΩ J
R87	T2007-IC103J	C RESISTOR	10KΩ J
R88	T2007-IC222J	C RESISTOR	2.2KΩ J
R89	T2007-IC102J	C RESISTOR	1KΩ J
R34B	T2003-ET470A	MF RESISTOR	47Ω 3W J
RX	T2007-JC564J	C RESISTOR	560KΩ J
RX1	T2007-JC564J	C RESISTOR	560KΩ J
RX1	T2007-JC564J	C RESISTOR	560KΩ J
RX2	T2007-JC564J	C RESISTOR	560KΩ J

⚠Ref No.	Part No.	Part Name	DescriptionLocal
L1	TV49-00005A	CHOKE BAR	5.5uH
L3	TV09-00004A	CHOKE BAR	5.0uH
L4	TA49-00004A	INDUCTOR FILTER	100uH 7A
⚠T1	TV26-3L01A	TRANSFOMER	
⚠T2	TV26-26L02A	TRANSFOMER	
⚠T3	TV26-26L03A	TRANSFOMER	
BD1	T0402-00018A	BRIDGE-DIODE	
CN1	T3711-00039	CONNECTOR	
CN2	T3711-00040	CONNECTOR	
CN3	T3711-00041	CONNECTOR	
CN4	A2001WV2-4P	CONNECTOR	
FB2	T2901-JC008A	FERRITE BEAD	
FB3	T2901-JC008A	FERRITE BEAD	
FB4	T2901-JC008A	FERRITE BEAD	
FB5	T2901-JC008A	FERRITE BEAD	
FB6	T2901-JC008A	FERRITE BEAD	
FB7	T2901-JC008A	FERRITE BEAD	
FB8	T2901-JC008A	FERRITE BEAD	
FB9	T2901-IC009A	FERRITE BEAD	
⚠FU1	3601-000297	FUSE	250V 5A
⚠LF1	AB63-00012A	LINE FILTER	15mH 4A
⚠LF2	AB63-00012A	LINE FILTER	15mH 4A
⚠NT1	T1404-00001A	THERMISTOR	
RC1	T2007-JC224J	C RESISTOR	220KΩ J
RC2	T2007-JC224J	C RESISTOR	220KΩ J
RC3	T2007-JC224J	C RESISTOR	220KΩ J
RS1	T2003-ETR15A	R-WIRE	0.15Ω 3W J
RS2	T2003-ETR62A	R-WIRE	0.62Ω 3W J
RS3	T2003-ET0R2A	R-WIRE	0.2Ω 3W J
SC1	T0501-00011A	SCR	0.8A 30V
VX1	T1405-0011A	VARISTOR	
VX4	T1405-0011A	VARISTOR	
ZD1	T0408-00007A	Z DIODE	
ZD2	T0408-00006A	Z DIODE	
ZD3	T0408-00008A	Z DIODE	
ZD4	T0408-00007A	Z DIODE	
ZD5	T0408-00005A	Z DIODE	
ZD6	T0408-00005A	Z DIODE	
ZD7	T0408-00005A	Z DIODE	
ZD8	T0408-00008A	Z DIODE	
ZD9	T0408-00007A	Z DIODE	
ZD10	T0408-00006A	Z DIODE	

KEY P.W. BOARD ASS'Y (QAL0759-001)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

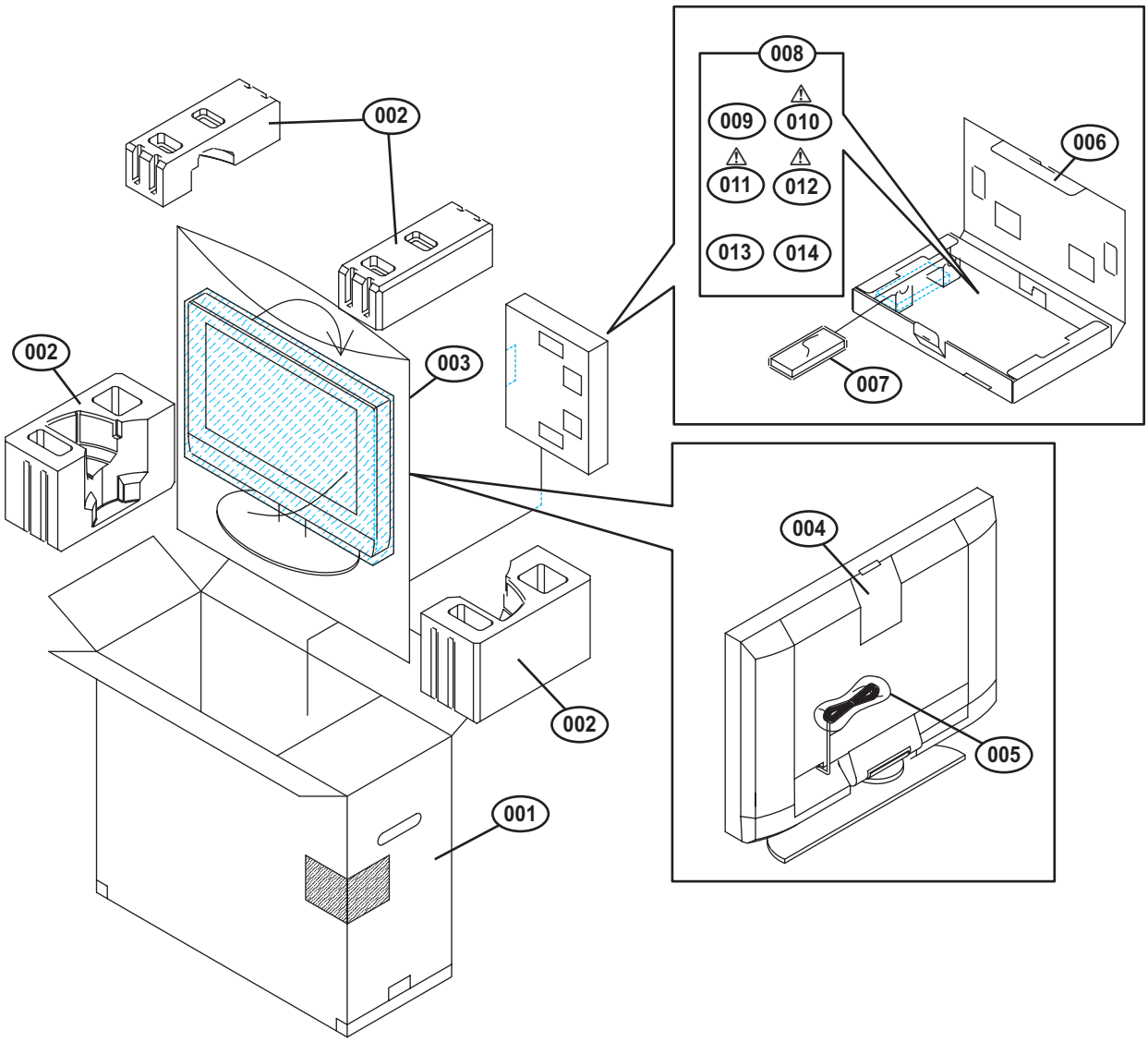
LED P.W. BOARD ASS'Y (QAL0758-001)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C1271G-1H)

⚠ Ref.No.	Part No.	Part Name	Description	Local
	UR77EC0603	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	001	LC10181-047A-A	PACKING CASE		LT-26X506/S
	001	LC10181-048A-A	PACKING CASE		LT-32X506/S
	002	LC12417-001A-A	CUSION ASSY	4pcs in 1set	LT-26X506/S
	002	LC12421-001A-A	CUSION ASSY	4pcs in 1set	LT-32X506/S
	003	GG30097-003A-H	POLY BAG		
	004	LCT1831-001A-A	INST SHEET	English/French/Spanish	
	005	QPA01002305	POLY BAG	10cm x 23cm	
	006	LC21927-001B-A	ACCESSORY BOX		
	007	RM-C1271G-1H	REMOCON		
	008	QPA02503505P	POLY BAG	25cm x 35cm	
	009	----------	WARRANTY CARD	BT-52006-2Q	
⚠	010	LCT1899-001A-A	INST BOOK	English	
⚠	011	LCT1900-001A-A	INST BOOK	French	
⚠	012	LCT1901-001A-A	INST BOOK	Spanish	
	013	BT-51034-2Q	REGIST. CARD		
	014	----------	BATTERY	R6P/AA(x2)	

JVC

SCHEMATIC DIAGRAMS

LCD FLAT TELEVISION

LT-26X506/S,
LT-32X506/S

CD-ROM No.SML200510

BASIC CHASSIS
FU

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No.YA333
2005/10

LT-26X506/S, LT-32X506/S

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Othters ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

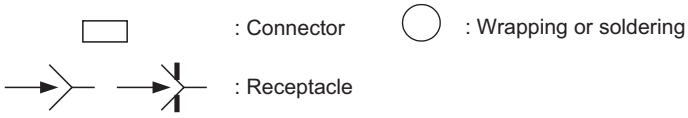
No unit	: [μH]
Others	: As specified

(4)Power Supply

∗ Respective voltage values are indicated

(5)Test point

(6)Connecting method



(7)Ground symbol

⊥ : LIVE side ground

⏚ : ISOLATED(NEUTRAL) side ground

⏚ : EARTH ground

▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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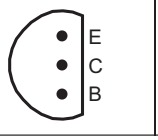
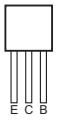
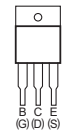
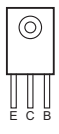
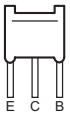
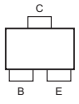
USING P.W. BOARD

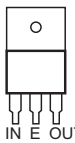
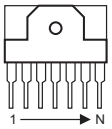
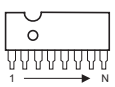
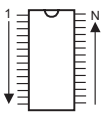
P.W.B ASS'Y name	LT-26X506/S	LT-32X506/S
MAIN P.W. BOARD	QAL0753-001	←
DIGITAL SIGNAL P.W BOARD	QAL0754-001	QAL0755-001
POWER P.W. BOARD	QAL0756-001	QAL0757-001
LED P.W. BOARD	QAL0758-001	←
KEY P.W. BOARD	QAL0759-001	←

SEMICONDUCTOR SHAPES

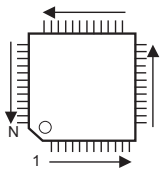
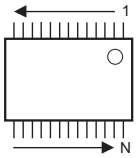
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

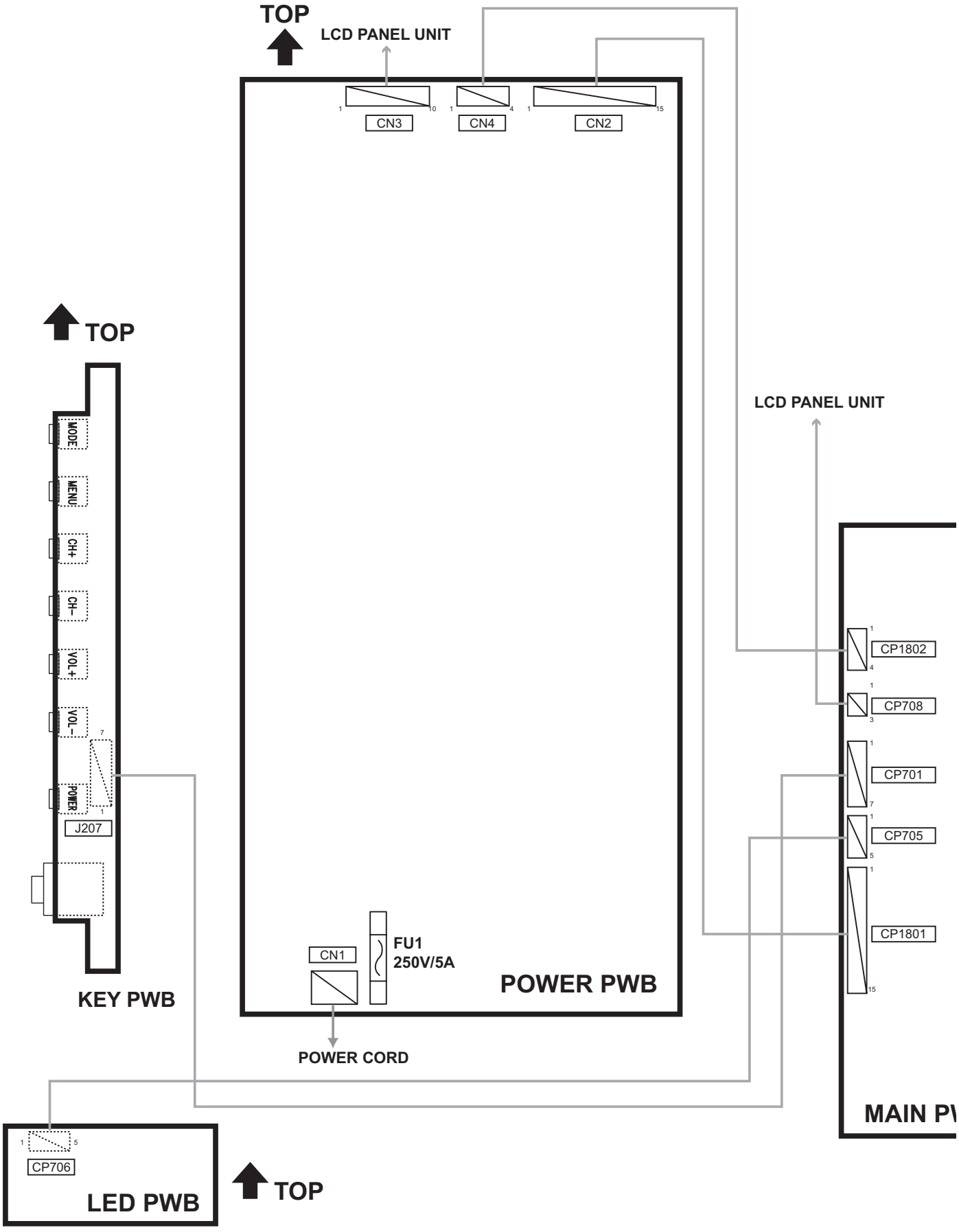
IC

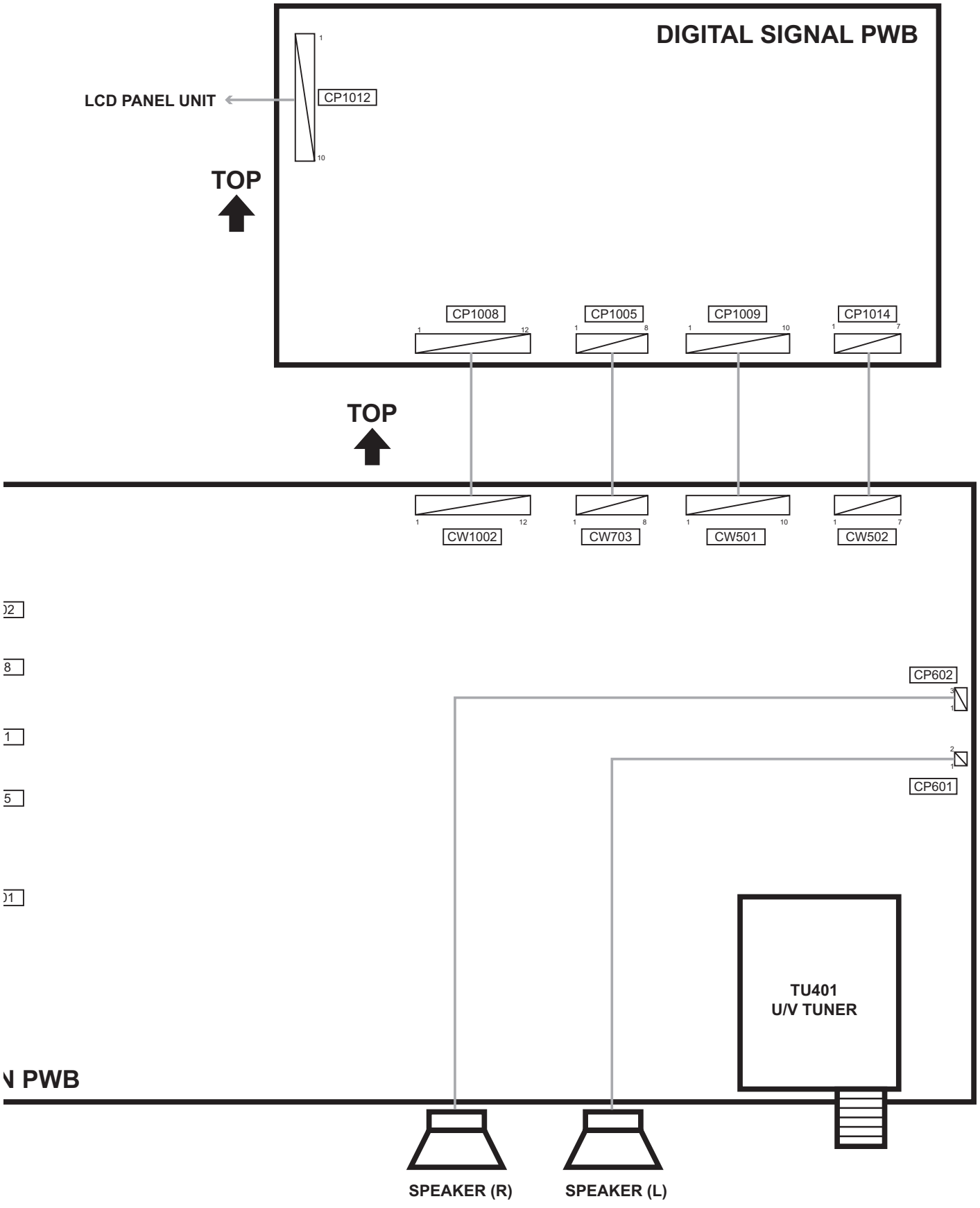
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

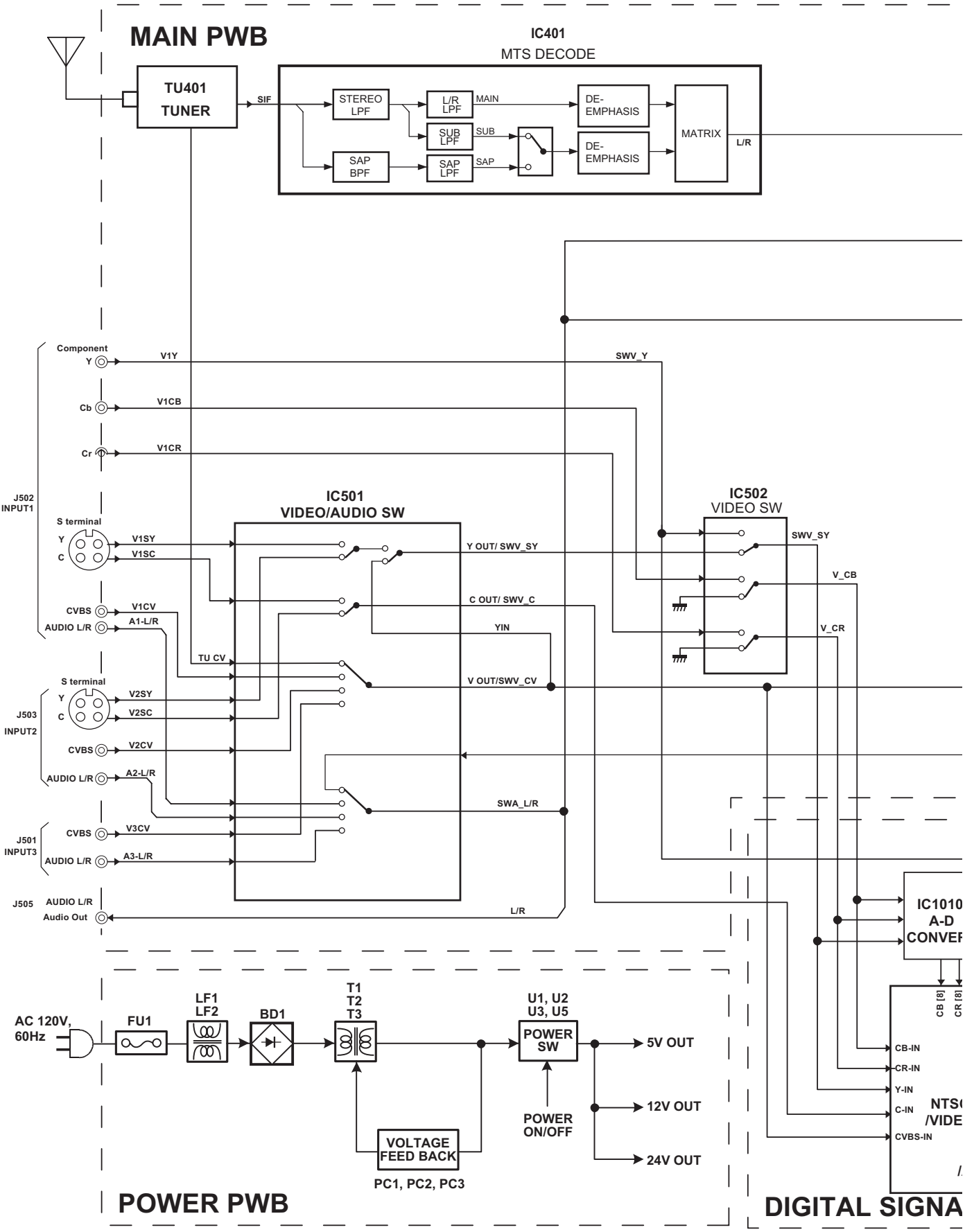
TOP VIEW		
		

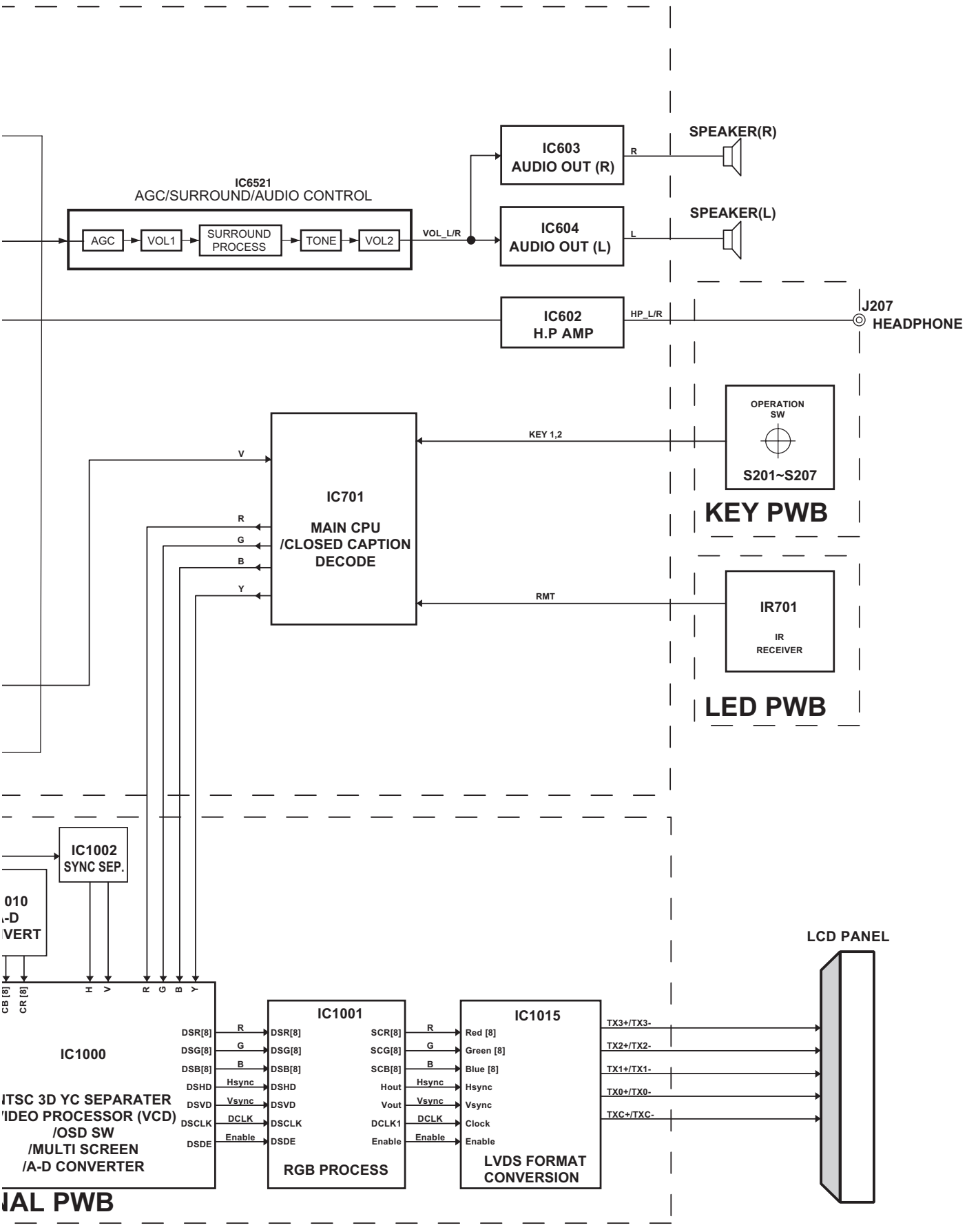
WIRING DIAGRAM




DIGITAL SIGNAL PWB
LCD PANEL UNIT
CP1012
TOP
CP1008
CP1005
CP1009
CP1014
TOP
CW1002
CW703
CW501
CW502
CP602
CP601
TU401
U/V TUNER
SPEAKER (R)
SPEAKER (L)

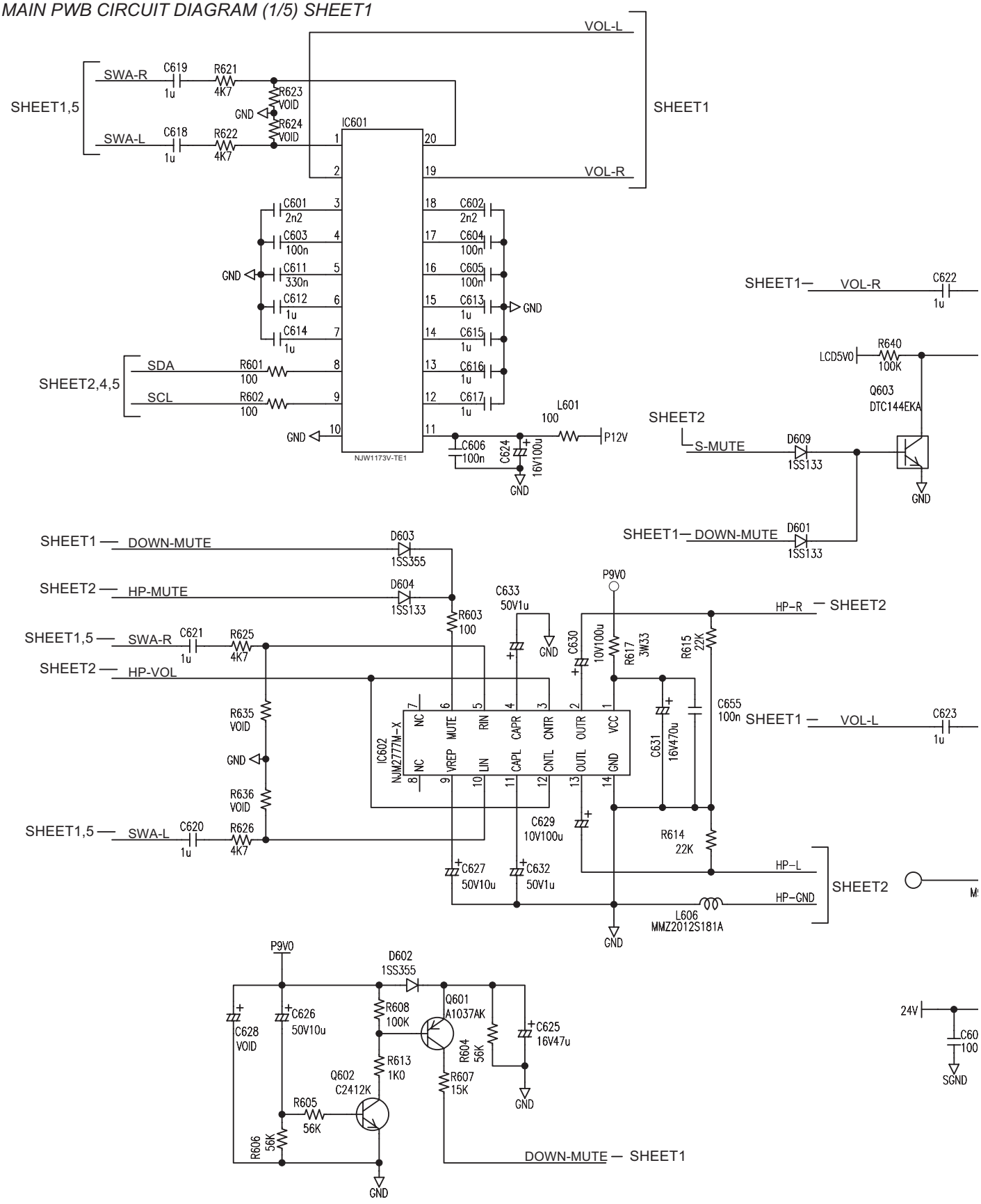
BLOCK DIAGRAM

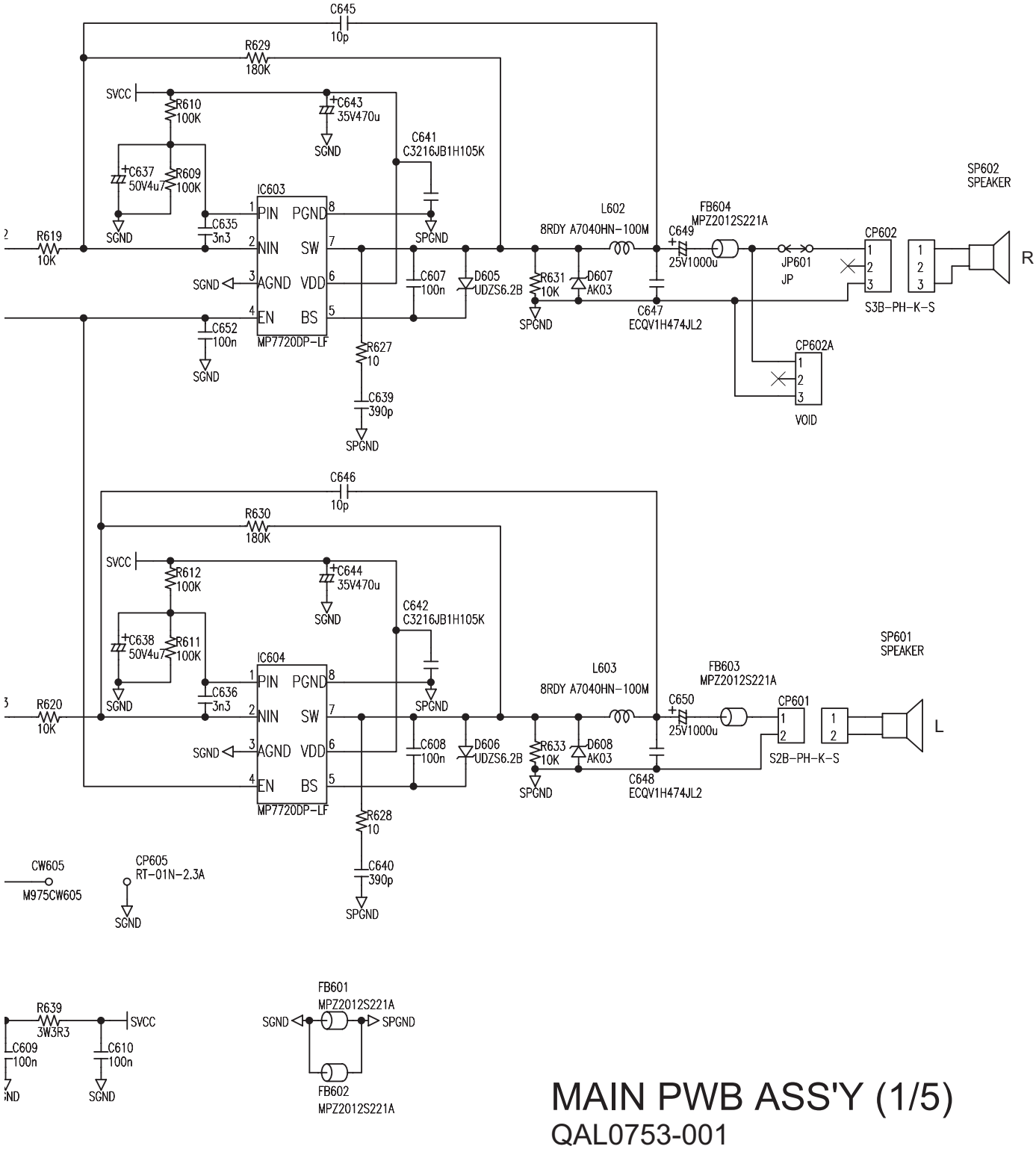



IC6521
AGC/SURROUND/AUDIO CONTROL
AGC
VOL1
SURROUND PROCESS
TONE
VOL2
VOL_L/R
IC603
AUDIO OUT (R)
R
SPEAKER(R)
IC604
AUDIO OUT (L)
L
SPEAKER(L)
IC602
H.P AMP
HP_L/R
J207
HEADPHONE
OPERATION SW
S201~S207
KEY PWB
KEY 1,2
IC701
MAIN CPU
/CLOSED CAPTION
DECODE
V
R
G
B
Y
RMT
IR701
IR
RECEIVER
LED PWB
IC1002
SYNC SEP.
IC1000
ITSC 3D YC SEPARATER
/IDEO PROCESSOR (VCD)
/OSD SW
/MULTI SCREEN
/A-D CONVERTER
DSR[8]
DSG[8]
DSB[8]
DSHD
DSVD
DSCLK
DSDE
IC1001
SCR[8]
SCG[8]
SCB[8]
Hout
Vout
DCLK1
Enable
RGB PROCESS
IC1015
Red [8]
Green [8]
Blue [8]
Hsync
Vsync
Clock
Enable
LVDS FORMAT
CONVERSION
LCD PANEL
TX3+/TX3-
TX2+/TX2-
TX1+/TX1-
TX0+/TX0-
TXC+/TXC-

CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/5) SHEET1

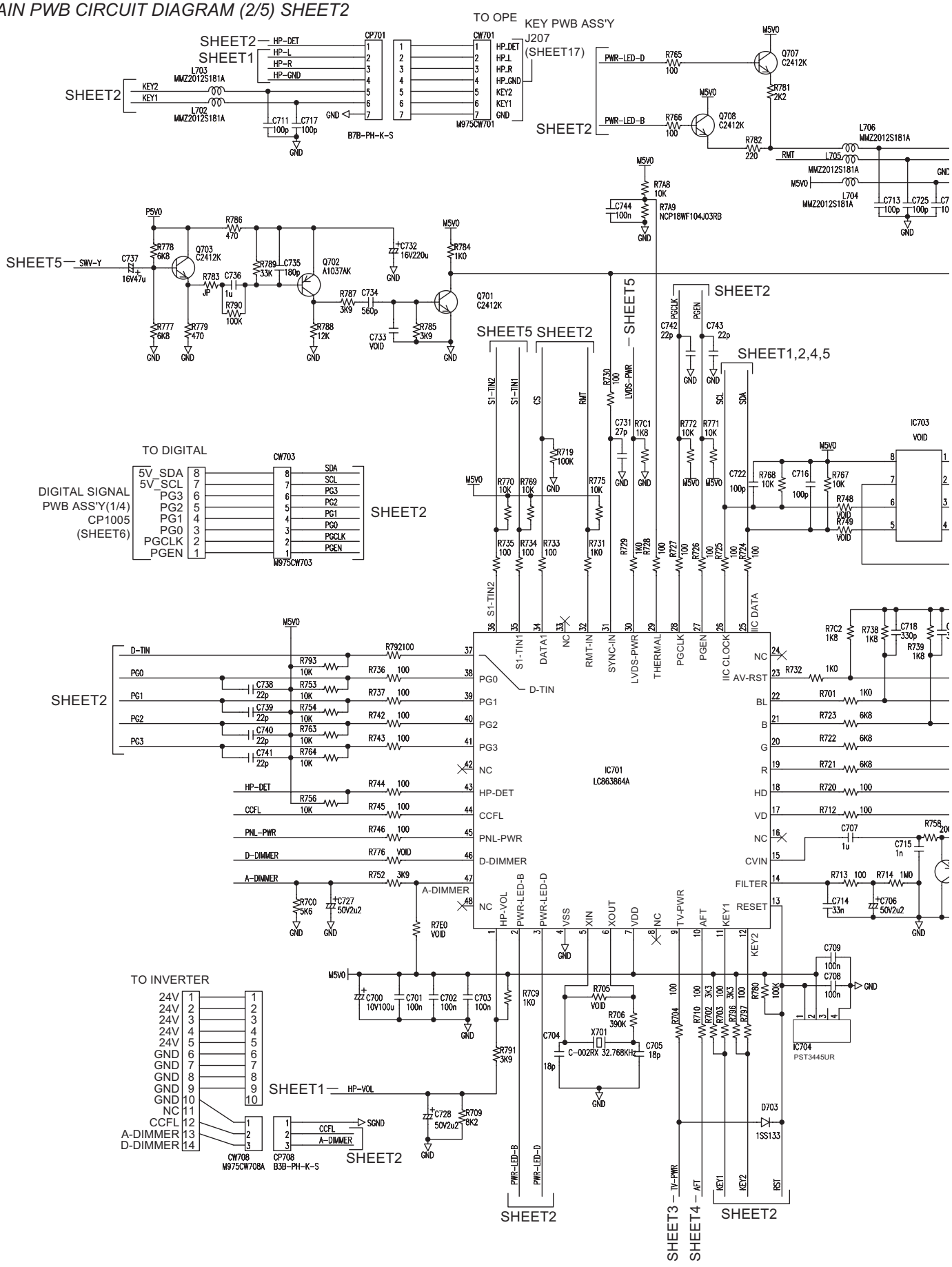




MAIN PWB ASS'Y (1/5)

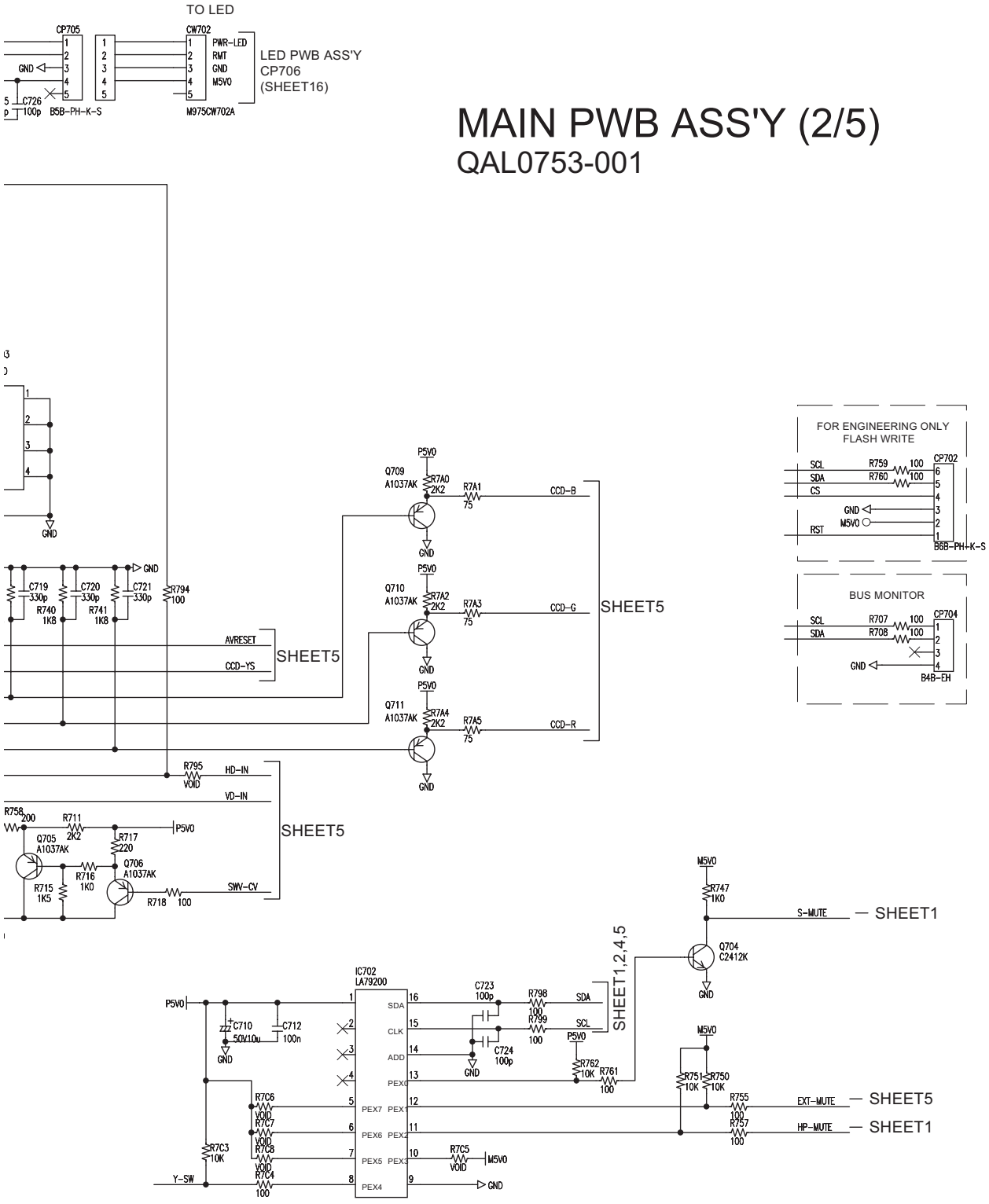
QAL0753-001

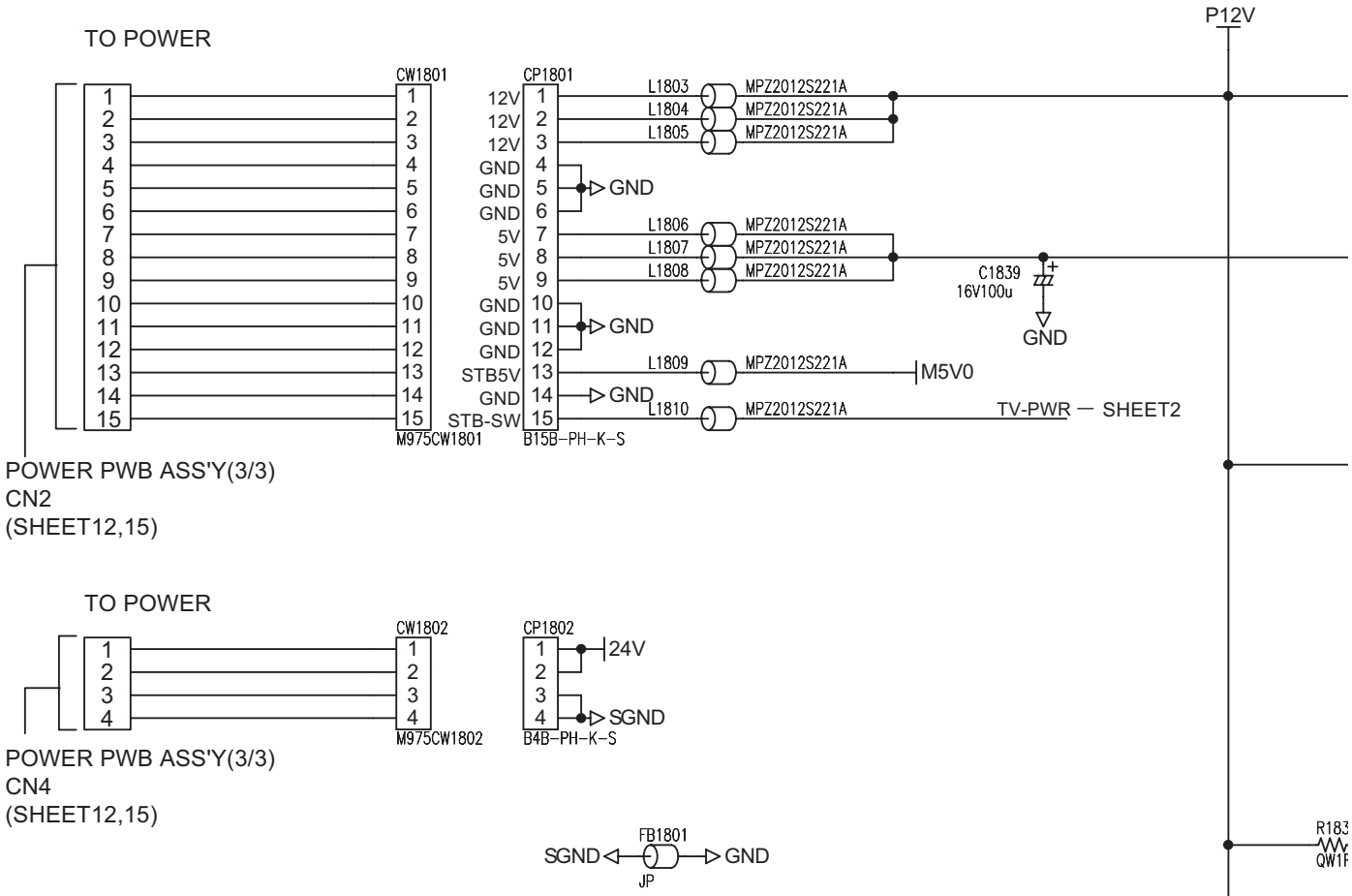
MAIN PWB CIRCUIT DIAGRAM (2/5) SHEET2



MAIN PWB ASS'Y (2/5)

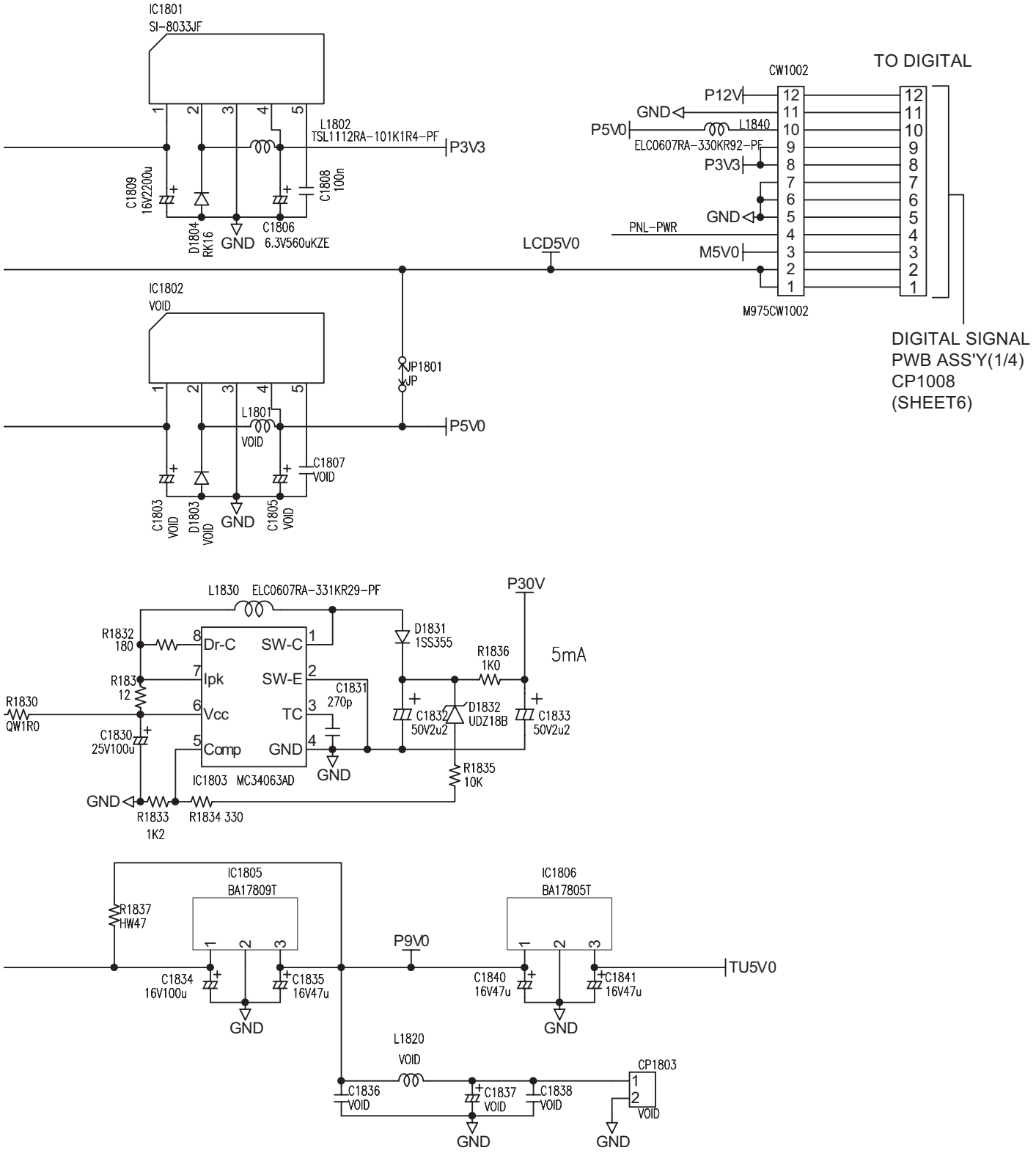
QAL0753-001



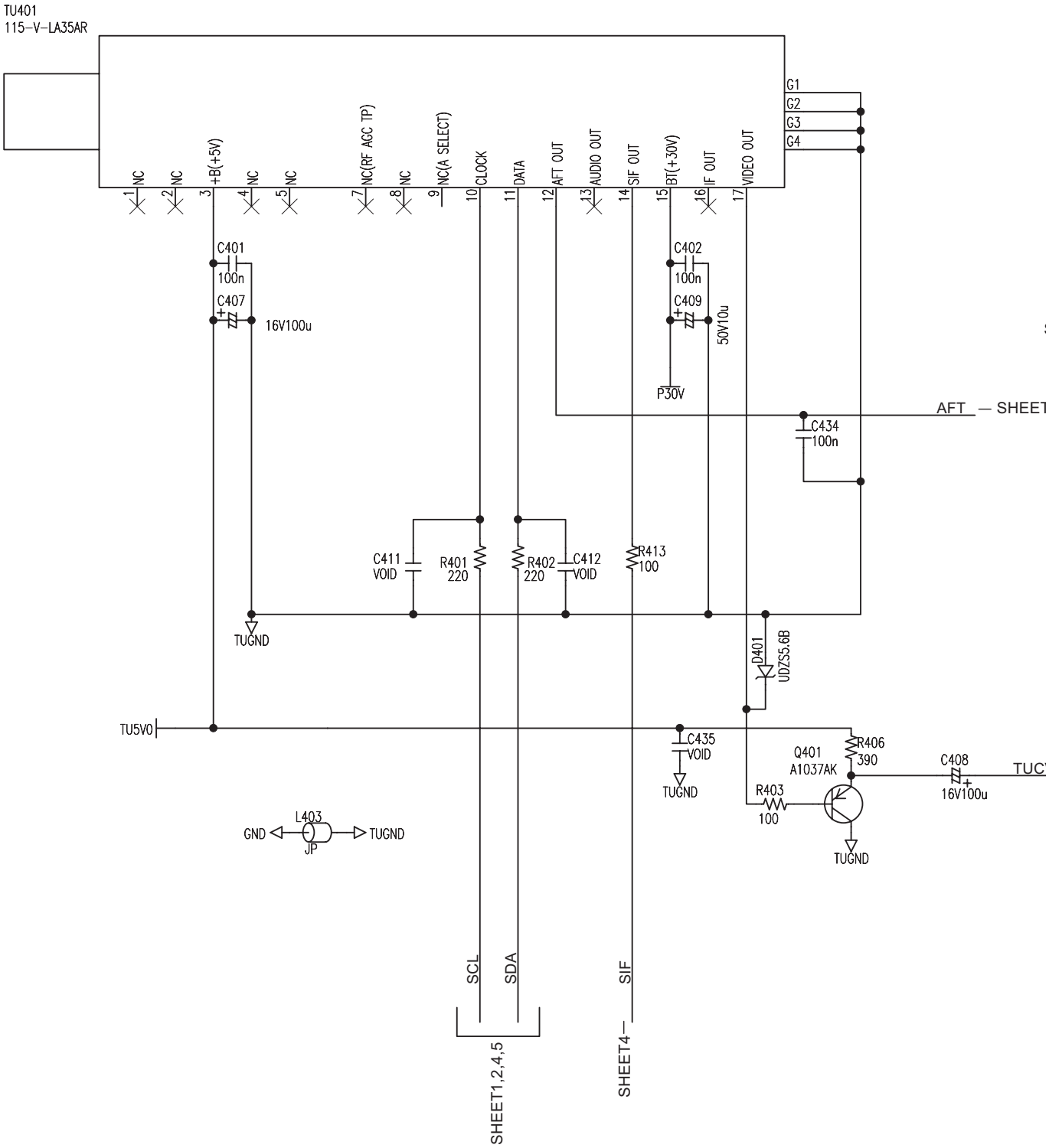


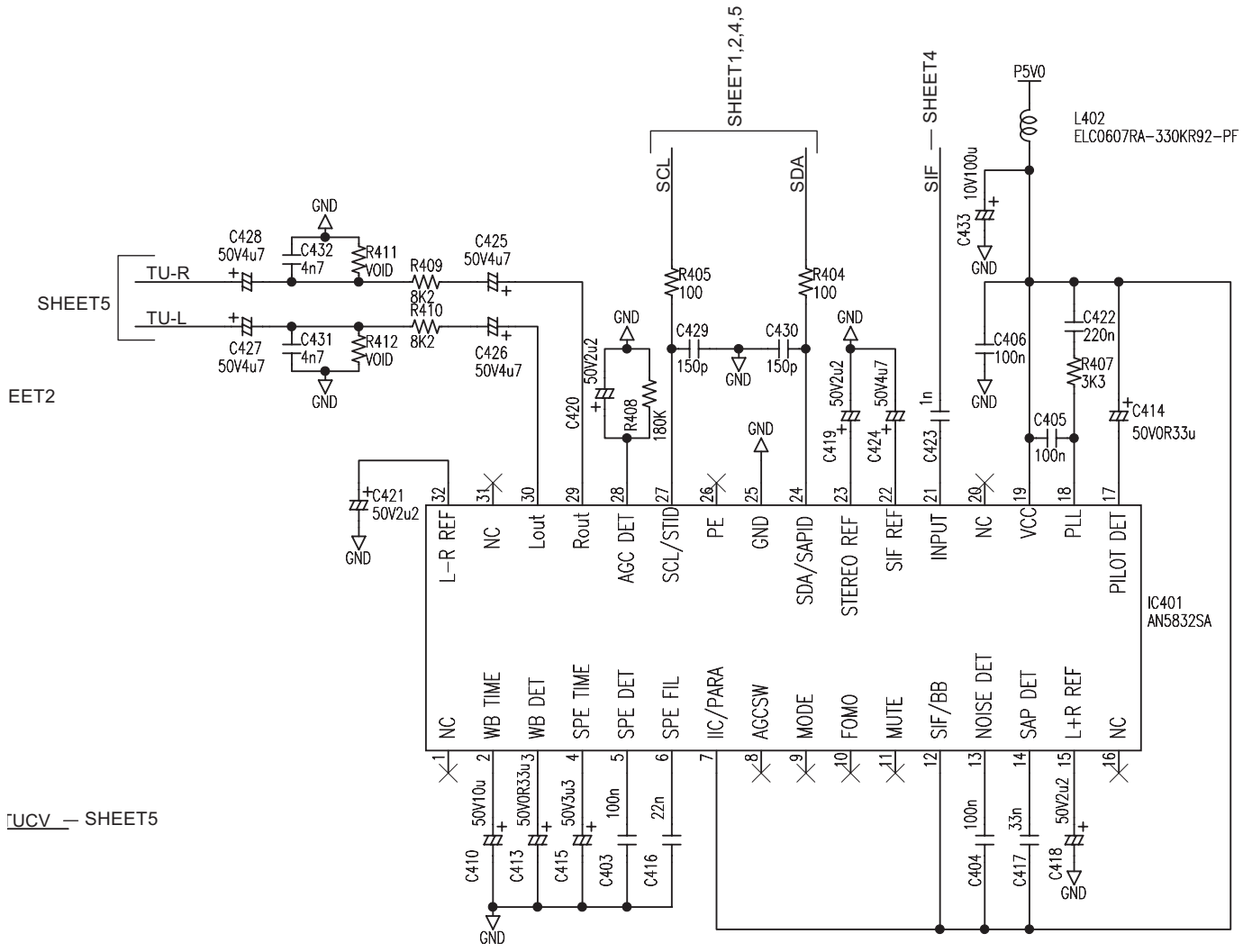
MAIN PWB ASS'Y (3/5)

QAL0753-001


IC1801
SI-8033JF
L1802
TSL1112RA-101K1R4-PF
P3V3
C1809
16V2200u
C1808
100n
D1804
RK16
GND
C1806
6.3V560uKZE
LCD5V0
IC1802
VOID
JP1801
JP
L1801
VOID
P5V0
C1807
VOID
C1803
VOID
D1803
VOID
C1805
VOID
TO DIGITAL
CW1002
P12V
GND
P5V0
L1840
ELC0607RA-330KR92-PF
P3V3
GND
PNL-PWR
M5V0
M975CW1002
DIGITAL SIGNAL
PWB ASS'Y(1/4)
CP1008
(SHEET6)
L1830 ELC0607RA-331KR29-PF
P30V
R1832
180
Dr-C
SW-C
D1831
1SS355
R1836
1K0
5mA
R183
12
Ipk
SW-E
C1831
270p
R1830
QW1R0
Vcc
TC
C1832
50V2u2
D1832
UDZ18B
C1833
50V2u2
C1830
25V100u
Comp
GND
IC1803 MC34063AD
R1835
10K
GND
R1833
1K2
R1834 330
IC1805
BA17809T
IC1806
BA17805T
R1837
HW47
P9V0
TU5V0
C1834
16V100u
C1835
16V47u
C1840
16V47u
C1841
16V47u
L1820
VOID
CP1803
C1836
VOID
C1837
VOID
C1838
VOID
VOID

MAIN PWB CIRCUIT DIAGRAM (4/5) SHEET4

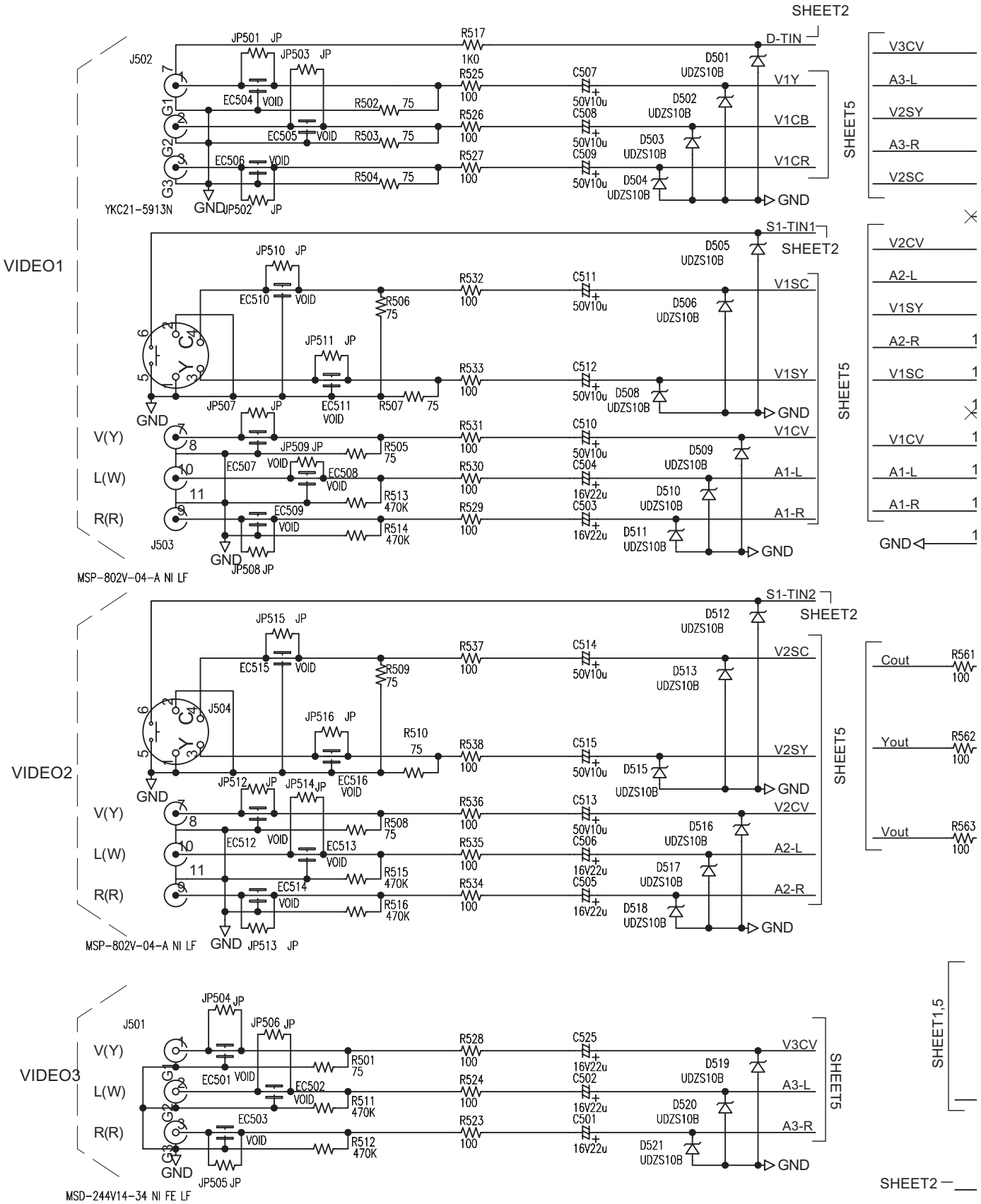


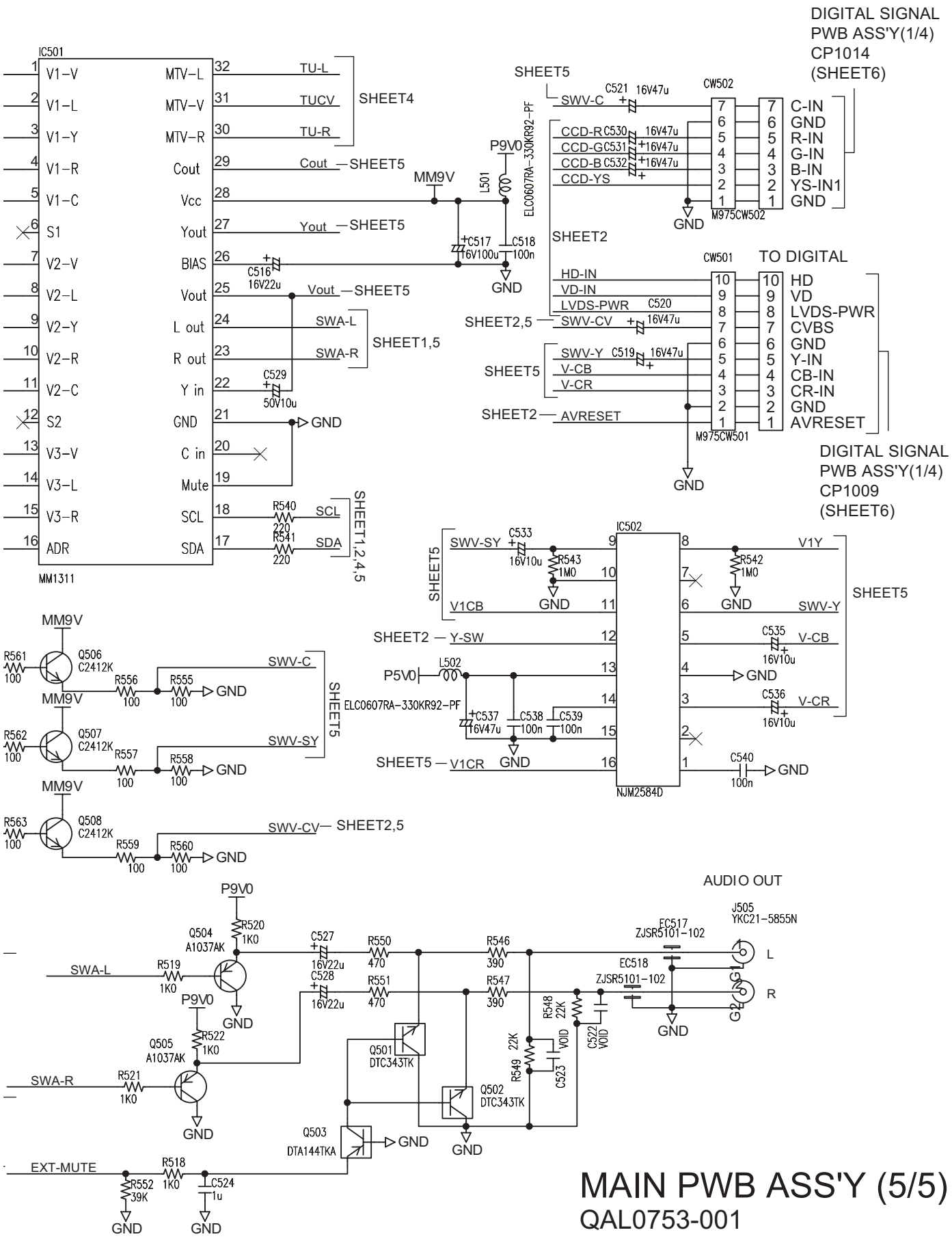


MAIN PWB ASS'Y (4/5)

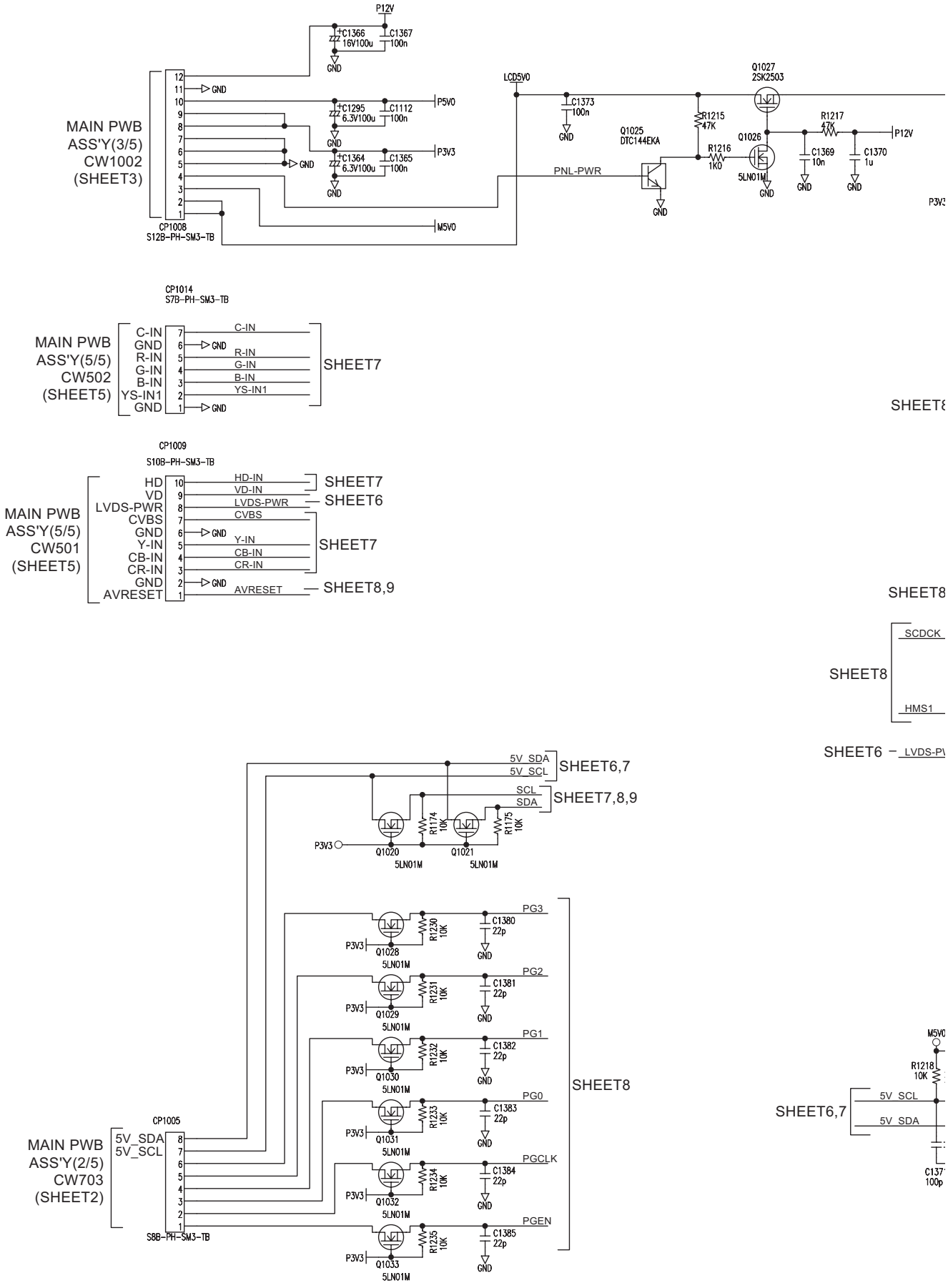
QAL0753-001

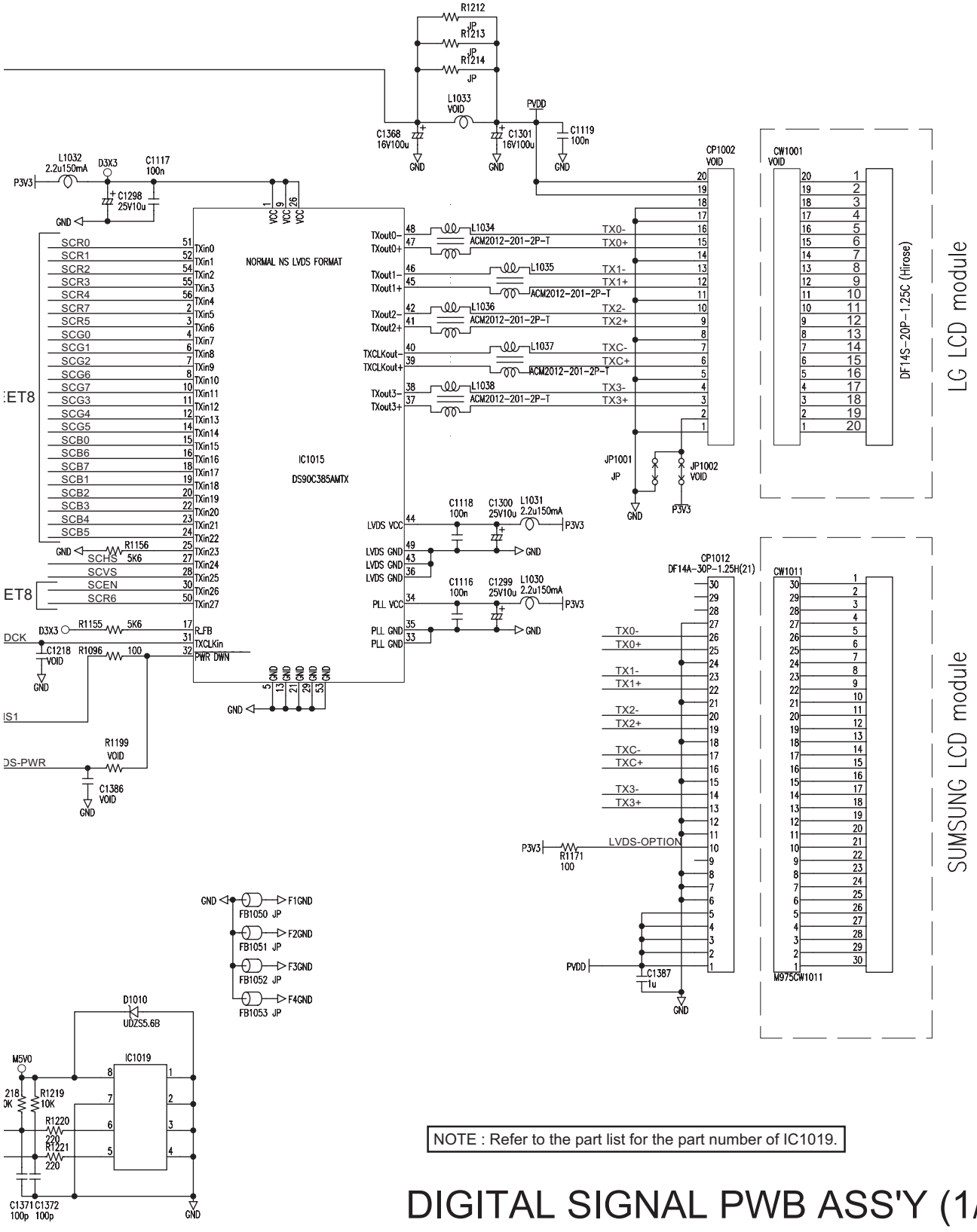
MAIN PWB CIRCUIT DIAGRAM (5/5) SHEET5




DIGITAL SIGNAL
PWB ASS'Y(1/4)
CP1014
(SHEET6)
IC501
MM1311
SHEET4
SHEET1,5
SHEET1,2,4,5
SHEET5
SHEET2
SHEET2,5
CW502
M975CW502
CW501
M975CW501
TO DIGITAL
C-IN
GND
R-IN
G-IN
B-IN
YS-IN1
HD
VD
LVDS-PWR
CVBS
Y-IN
CB-IN
CR-IN
AVRESET
DIGITAL SIGNAL
PWB ASS'Y(1/4)
CP1009
(SHEET6)
IC502
NJM2584D
ELC0607RA-330KR92-PF
AUDIO OUT
J505
YKC21-5855N
MAIN PWB ASS'Y (5/5)
QAL0753-001

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/4) SHEET6





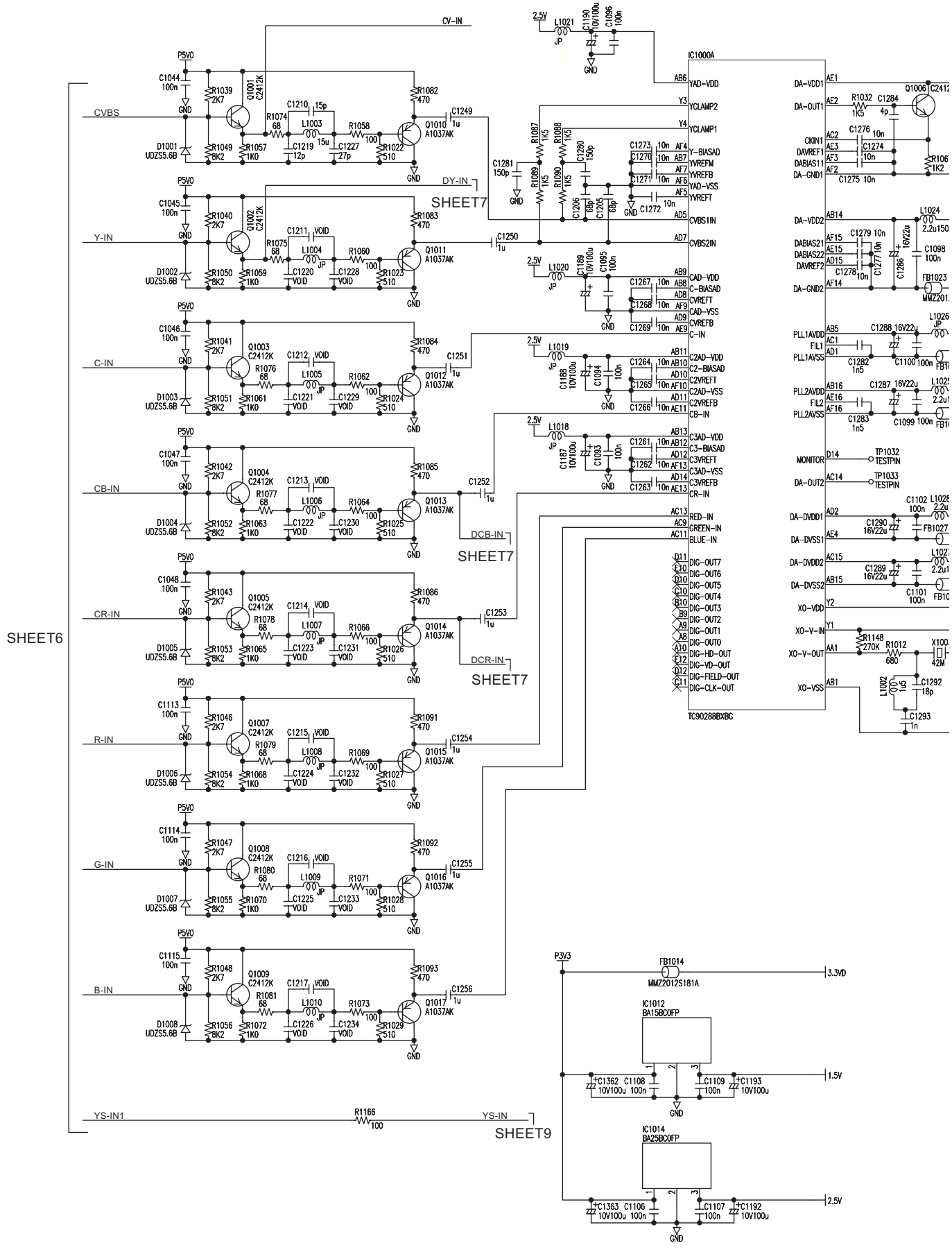
NOTE : Refer to the part list for the part number of IC1019.

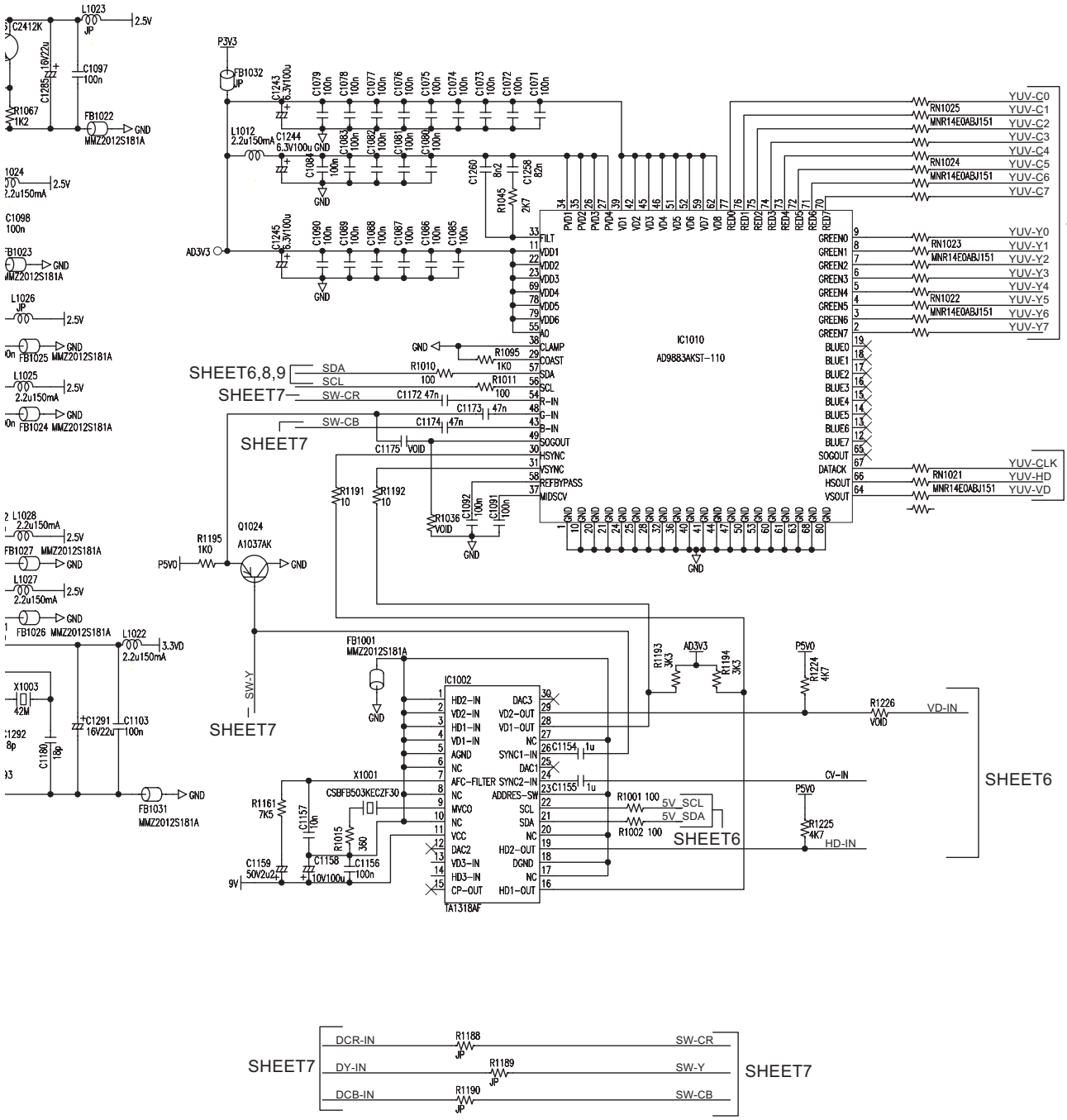
DIGITAL SIGNAL PWB ASS'Y (1/4)

QAL0754-001 [LT-26X506/S]

QAL0755-001 [LT-32X506/S]

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/4) SHEET7

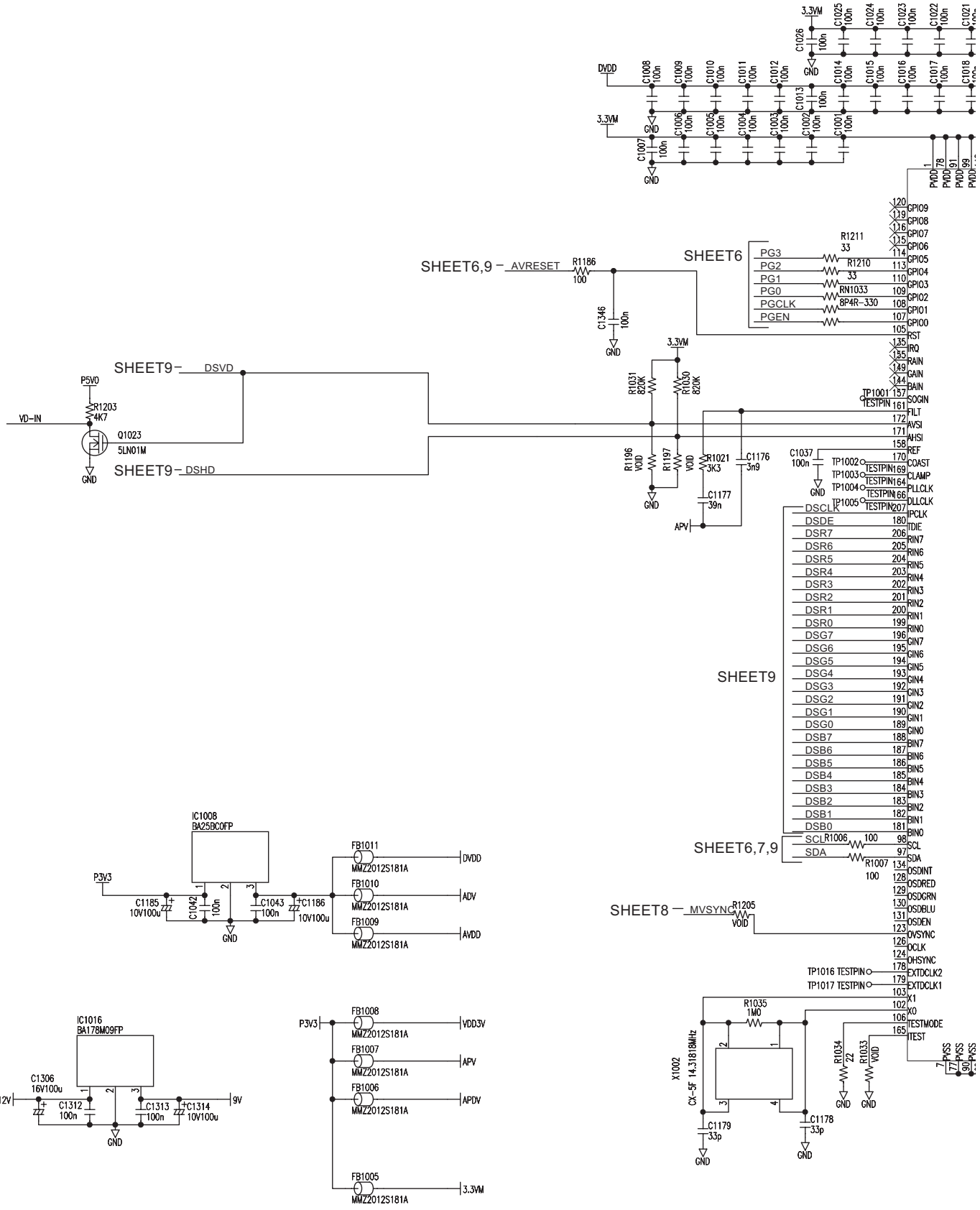


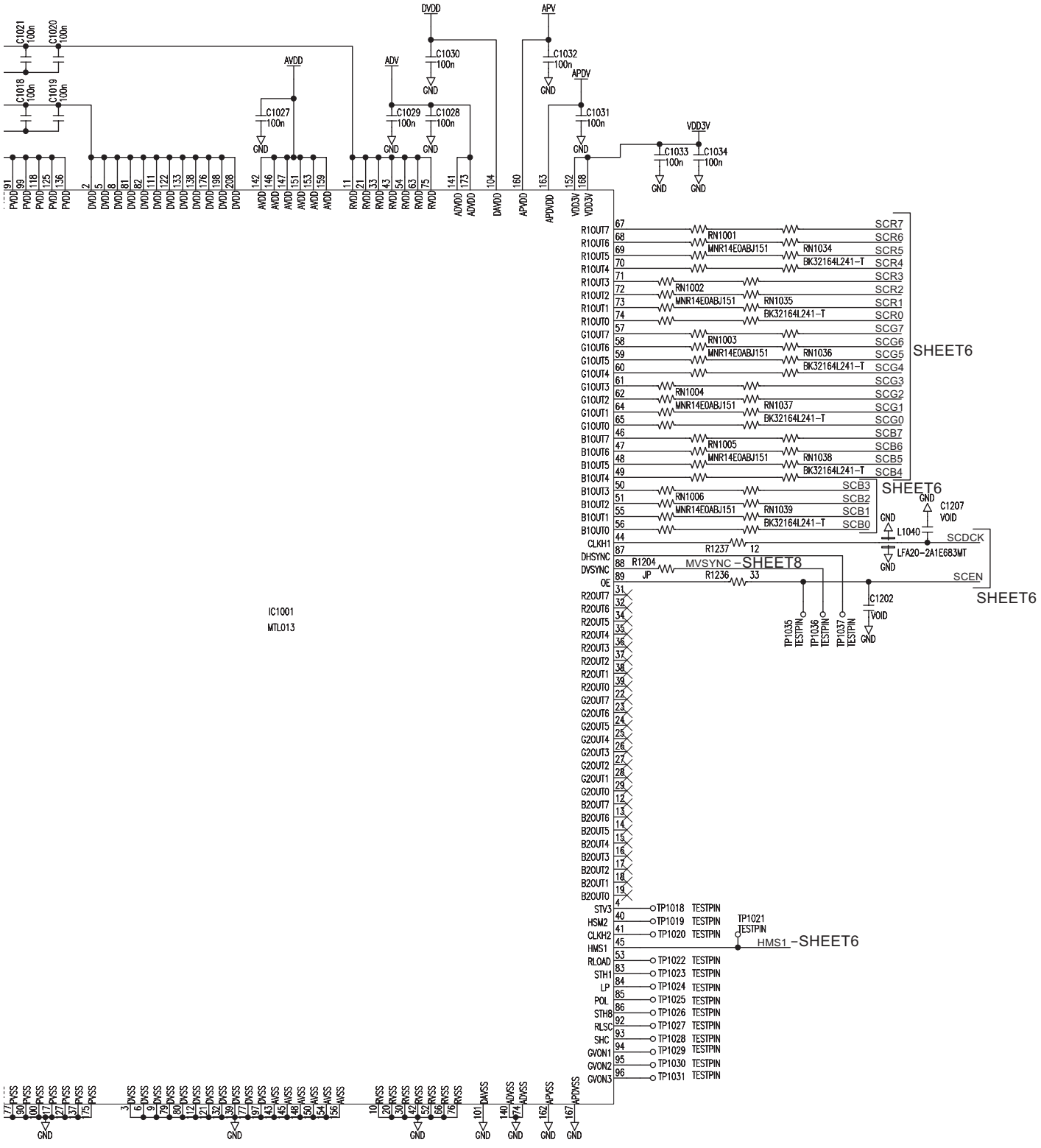


DIGITAL SIGNAL PWB ASS'Y (2/4)

QAL0754-001 [LT-26X506/S]

QAL0755-001 [LT-32X506/S]

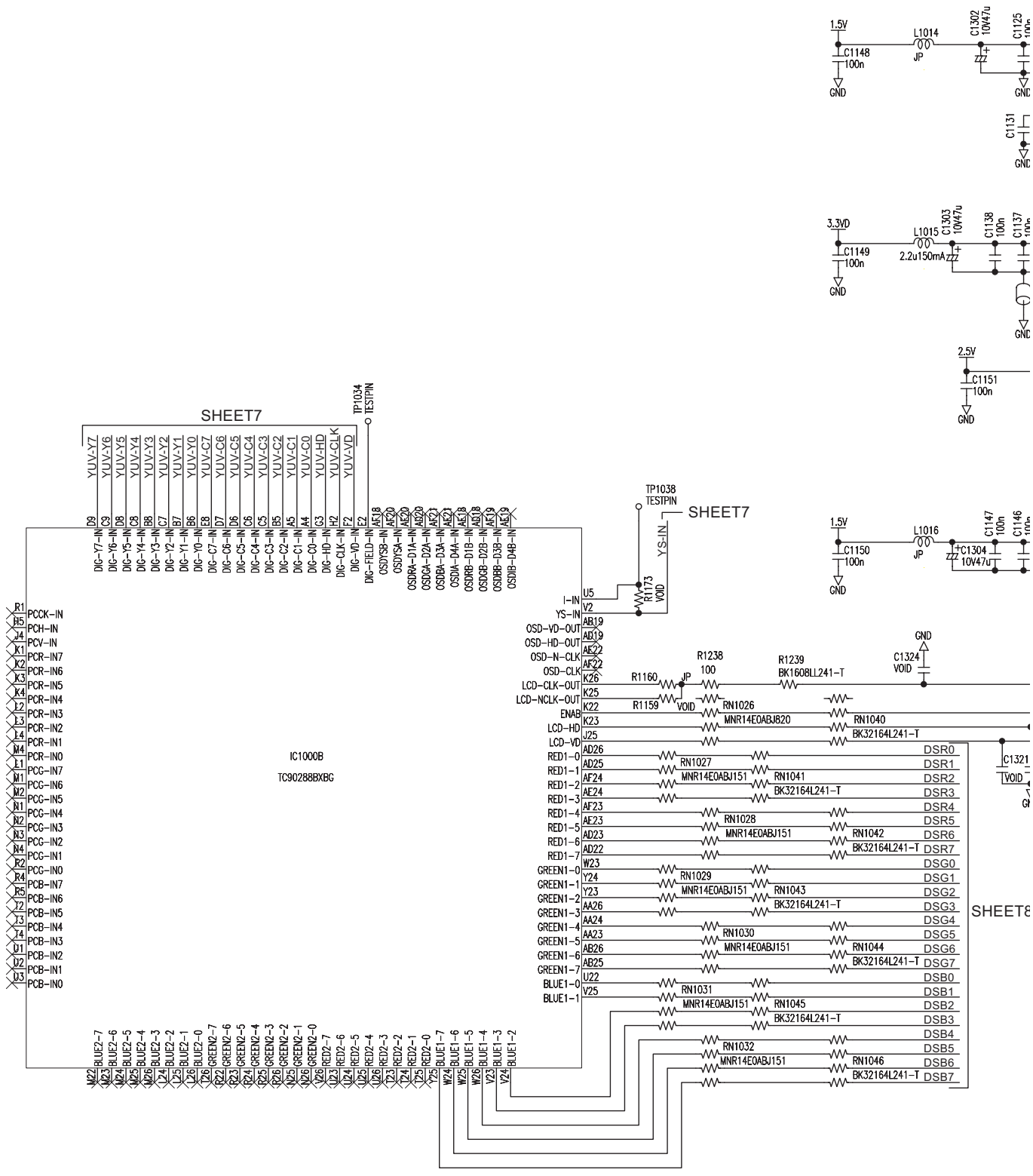

3.3VM
DVDD
GND
PVDD
GPIO9
GPIO8
GPIO7
GPIO6
GPIO5
GPIO4
GPIO3
GPIO2
GPIO1
GPIO0
RST
IRQ
RAIN
GAIN
BAIN
SOGIN
FILT
AVSI
AHSI
REF
COAST
CLAMP
PLLCLK
DLLCLK
IPCLK
TDIE
RIN7
RIN6
RIN5
RIN4
RIN3
RIN2
RIN1
RIN0
GIN7
GIN6
GIN5
GIN4
GIN3
GIN2
GIN1
GIN0
BIN7
BIN6
BIN5
BIN4
BIN3
BIN2
BIN1
BIN0
SCL
SDA
OSDINT
OSDRED
OSDGRN
OSDBLU
OSDEN
OVSYNC
OCLK
OHSYNC
EXTDCLK2
EXTDCLK1
X1
X0
TESTMODE
ITEST
PVSS
SHEET6
PG3
PG2
PG1
PG0
PGCLK
PGEN
SHEET6,9
AVRESET
SHEET9
DSVD
DSHD
DSCLK
DSDE
DSR7
DSR6
DSR5
DSR4
DSR3
DSR2
DSR1
DSR0
DSG7
DSG6
DSG5
DSG4
DSG3
DSG2
DSG1
DSG0
DSB7
DSB6
DSB5
DSB4
DSB3
DSB2
DSB1
DSB0
SHEET6,7,9
SHEET8
MVSYNC
TESTPIN
P5V0
VD-IN
Q1023
5LN01M
IC1008
BA25BC0FP
P3V3
FB1011
FB1010
FB1009
MMZ2012S181A
DVDD
ADV
AVDD
IC1016
BA178M09FP
P12V
9V
FB1008
FB1007
FB1006
FB1005
VDD3V
APV
APDV
3.3VM
X1002
14.31818MHz

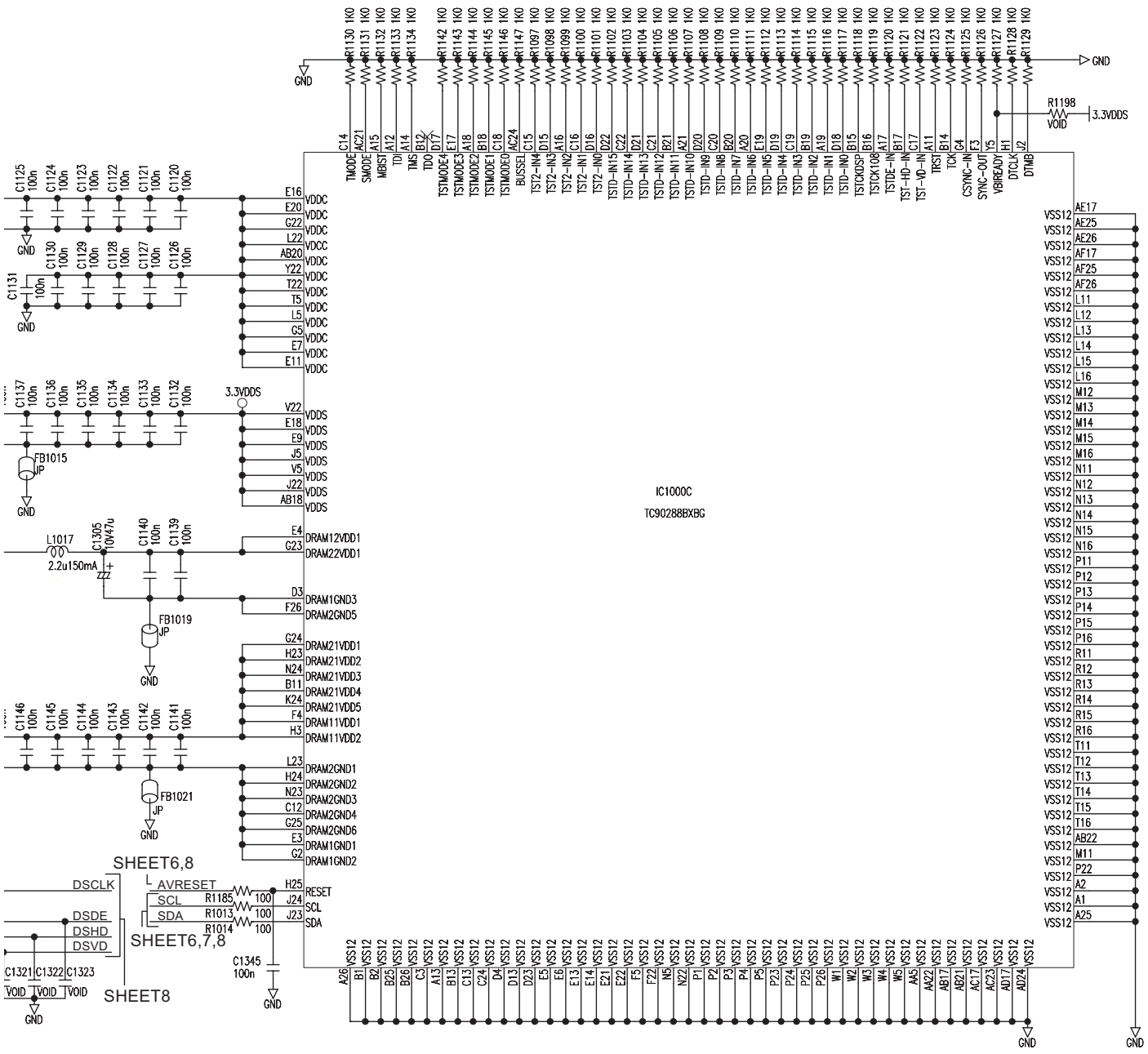


DIGITAL SIGNAL PWB ASS'Y (3/4)

QAL0754-001 [LT-26X506/S]

QAL0755-001 [LT-32X506/S]


SHEET7
TP1034
TESTPIN
YUV-Y7
YUV-Y6
YUV-Y5
YUV-Y4
YUV-Y3
YUV-Y2
YUV-Y1
YUV-Y0
YUV-C7
YUV-C6
YUV-C5
YUV-C4
YUV-C3
YUV-C2
YUV-C1
YUV-C0
YUV-HD
YUV-CLK
YUV-VD
DIG-Y7-IN
DIG-Y6-IN
DIG-Y5-IN
DIG-Y4-IN
DIG-Y3-IN
DIG-Y2-IN
DIG-Y1-IN
DIG-Y0-IN
DIG-C7-IN
DIG-C6-IN
DIG-C5-IN
DIG-C4-IN
DIG-C3-IN
DIG-C2-IN
DIG-C1-IN
DIG-C0-IN
DIG-HD-IN
DIG-CLK-IN
DIG-VD-IN
DIG-FIELD-IN
OSDYSB-IN
OSDYSA-IN
OSDRA-D1A-IN
OSDGA-D2A-IN
OSDBA-D3A-IN
OSDIA-D4A-IN
OSDRB-D1B-IN
OSDGB-D2B-IN
OSDBB-D3B-IN
OSDIB-D4B-IN
TP1038
TESTPIN
SHEET7
I-IN
YS-IN
R1173
VOID
IC1000B
TC90288BXBG
PCCK-IN
PCH-IN
PCV-IN
PCR-IN7
PCR-IN6
PCR-IN5
PCR-IN4
PCR-IN3
PCR-IN2
PCR-IN1
PCR-IN0
PCG-IN7
PCG-IN6
PCG-IN5
PCG-IN4
PCG-IN3
PCG-IN2
PCG-IN1
PCG-IN0
PCB-IN7
PCB-IN6
PCB-IN5
PCB-IN4
PCB-IN3
PCB-IN2
PCB-IN1
PCB-IN0
OSD-VD-OUT
OSD-HD-OUT
OSD-N-CLK
OSD-CLK
LCD-CLK-OUT
LCD-NCLK-OUT
ENAB
LCD-HD
LCD-VD
RED1-0
RED1-1
RED1-2
RED1-3
RED1-4
RED1-5
RED1-6
RED1-7
GREEN1-0
GREEN1-1
GREEN1-2
GREEN1-3
GREEN1-4
GREEN1-5
GREEN1-6
GREEN1-7
BLUE1-0
BLUE1-1
R1160
JP
R1159
VOID
R1238
100
R1239
BK1608LL241-T
C1324
VOID
RN1026
MNR14E0ABJ820
RN1040
BK32164L241-T
RN1027
MNR14E0ABJ151
RN1041
BK32164L241-T
RN1028
MNR14E0ABJ151
RN1042
BK32164L241-T
RN1029
MNR14E0ABJ151
RN1043
BK32164L241-T
RN1030
MNR14E0ABJ151
RN1044
BK32164L241-T
RN1031
MNR14E0ABJ151
RN1045
BK32164L241-T
RN1032
MNR14E0ABJ151
RN1046
BK32164L241-T
DSR0
DSR1
DSR2
DSR3
DSR4
DSR5
DSR6
DSR7
DSG0
DSG1
DSG2
DSG3
DSG4
DSG5
DSG6
DSG7
DSB0
DSB1
DSB2
DSB3
DSB4
DSB5
DSB6
DSB7
SHEET8
BLUE2-7
BLUE2-6
BLUE2-5
BLUE2-4
BLUE2-3
BLUE2-2
BLUE2-1
BLUE2-0
GREEN2-7
GREEN2-6
GREEN2-5
GREEN2-4
GREEN2-3
GREEN2-2
GREEN2-1
GREEN2-0
RED2-7
RED2-6
RED2-5
RED2-4
RED2-3
RED2-2
RED2-1
RED2-0
BLUE1-7
BLUE1-6
BLUE1-5
BLUE1-4
BLUE1-3
BLUE1-2
1.5V
L1014
JP
C1302
10V47u
C1125
C1148
100n
GND
C1131
3.3VD
L1015
2.2u150mA
C1303
10V47u
C1138
100n
C1137
C1149
100n
2.5V
C1151
100n
L1016
C1147
100n
C1146
C1150
100n
C1304
10V47u



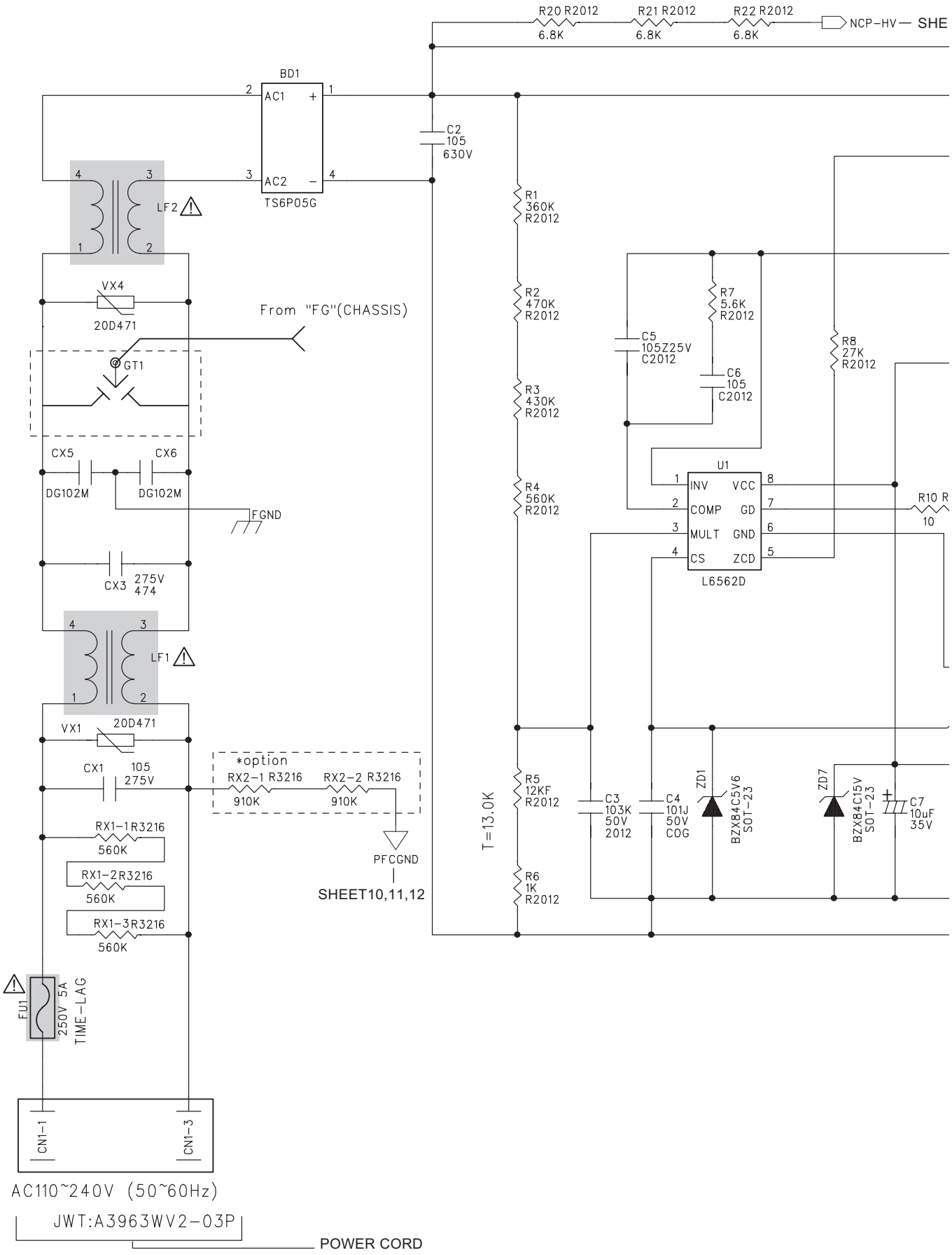
ET8

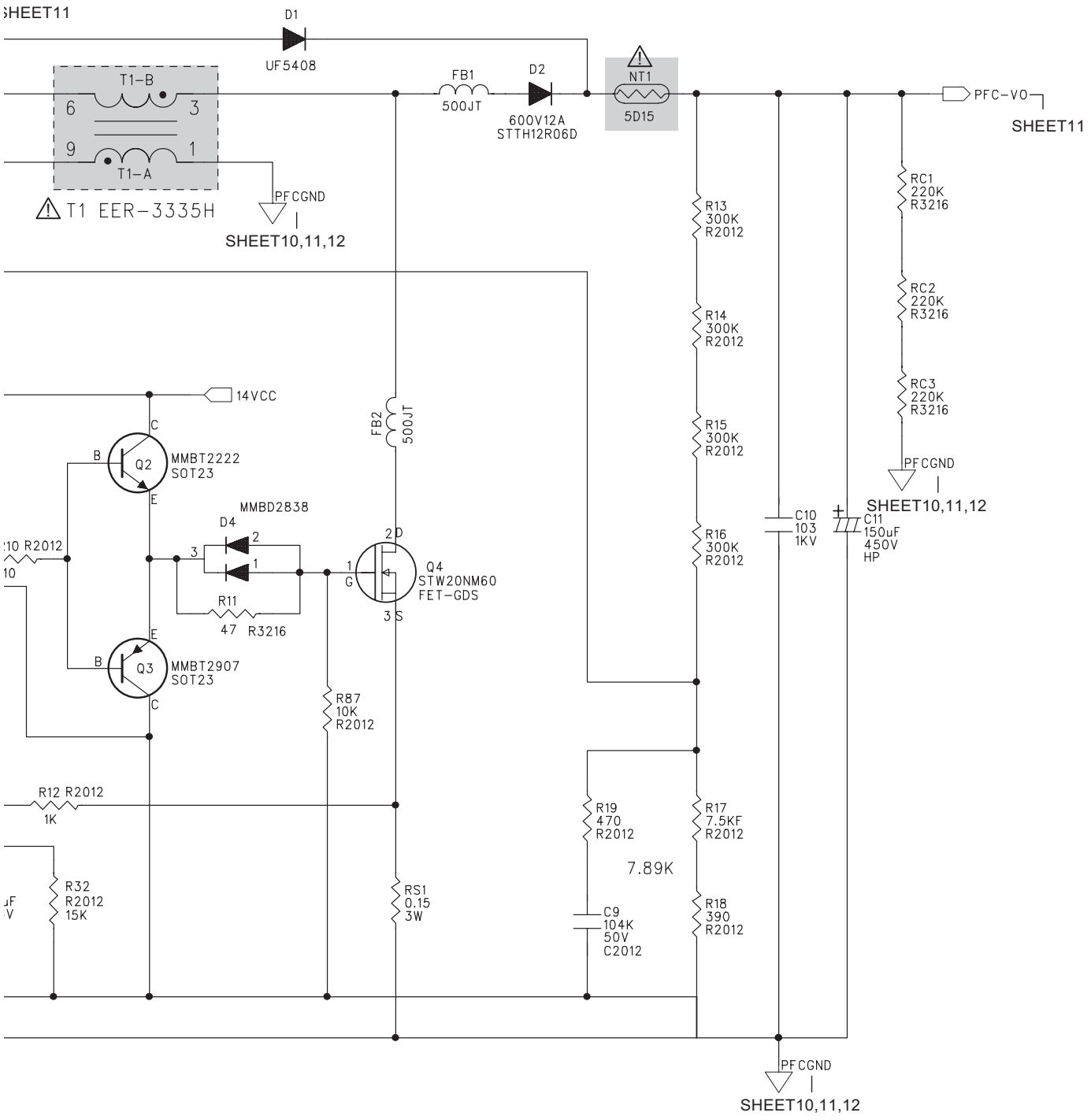
DIGITAL SIGNAL PWB ASS'Y (4/4)

QAL0754-001 [LT-26X506/S]

QAL0755-001 [LT-32X506/S]

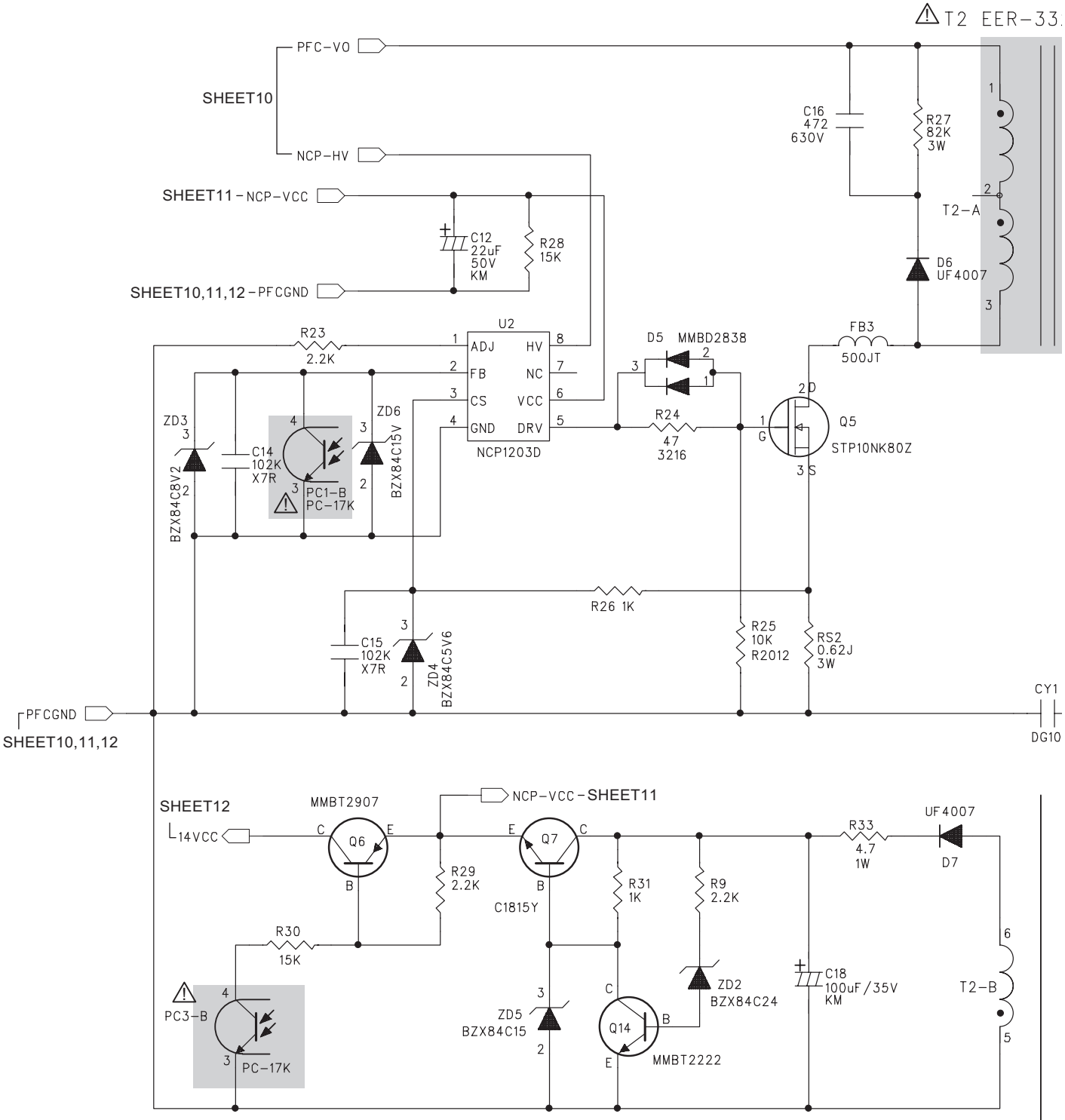
POWER PWB CIRCUIT DIAGRAM (1/3) [LT-26X506/S] SHEET10





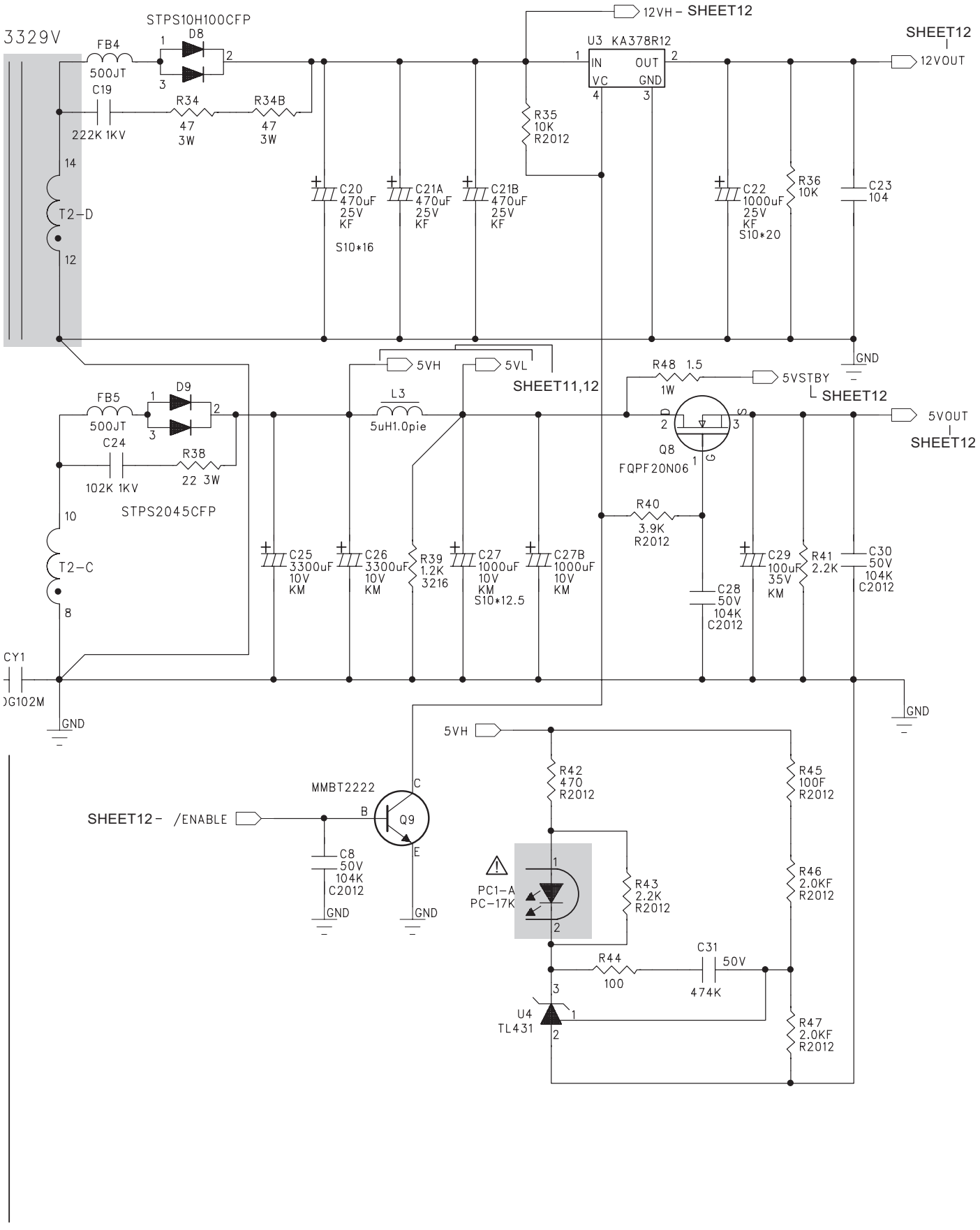
POWER PWB ASS'Y (1/3)

QAL0756-001

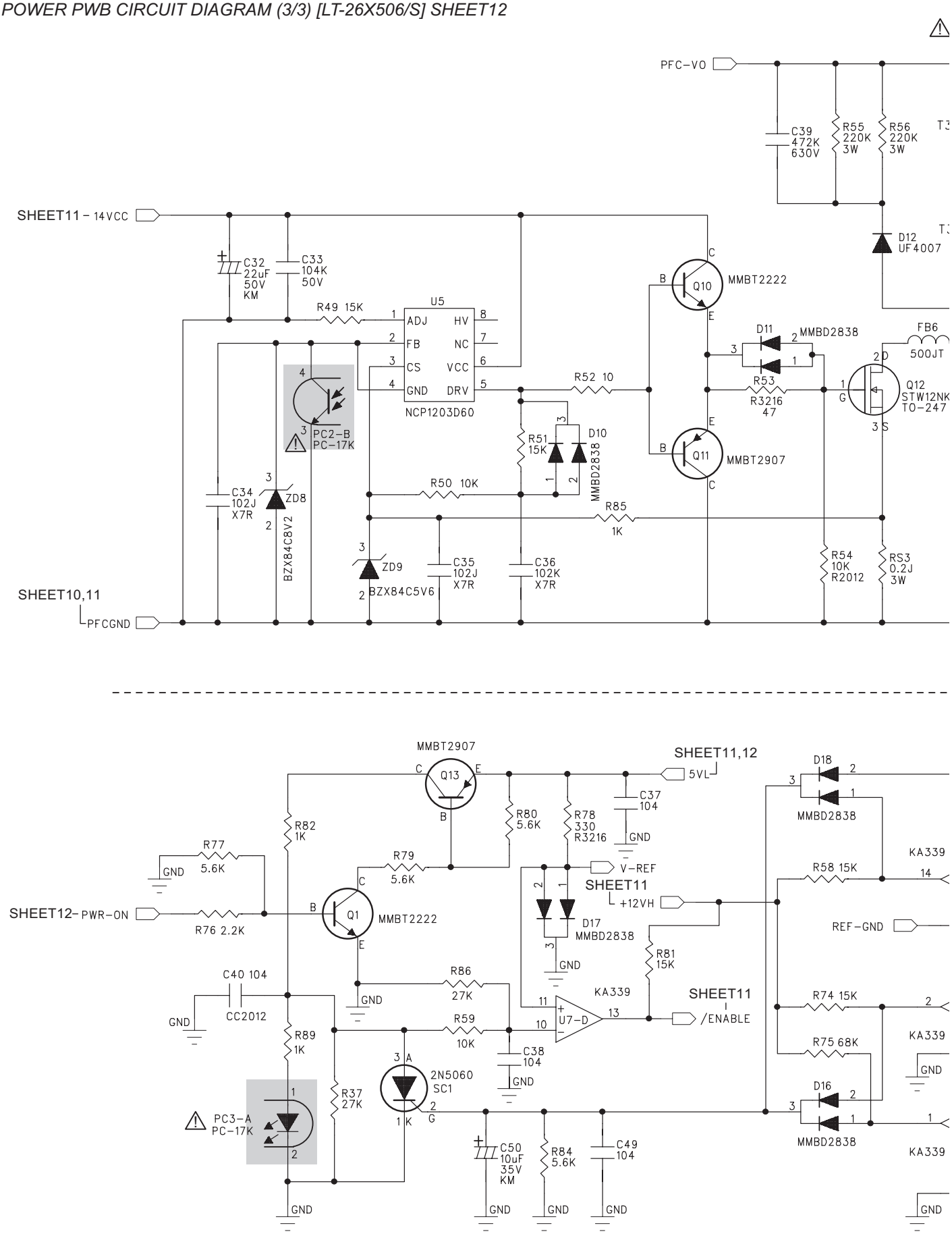


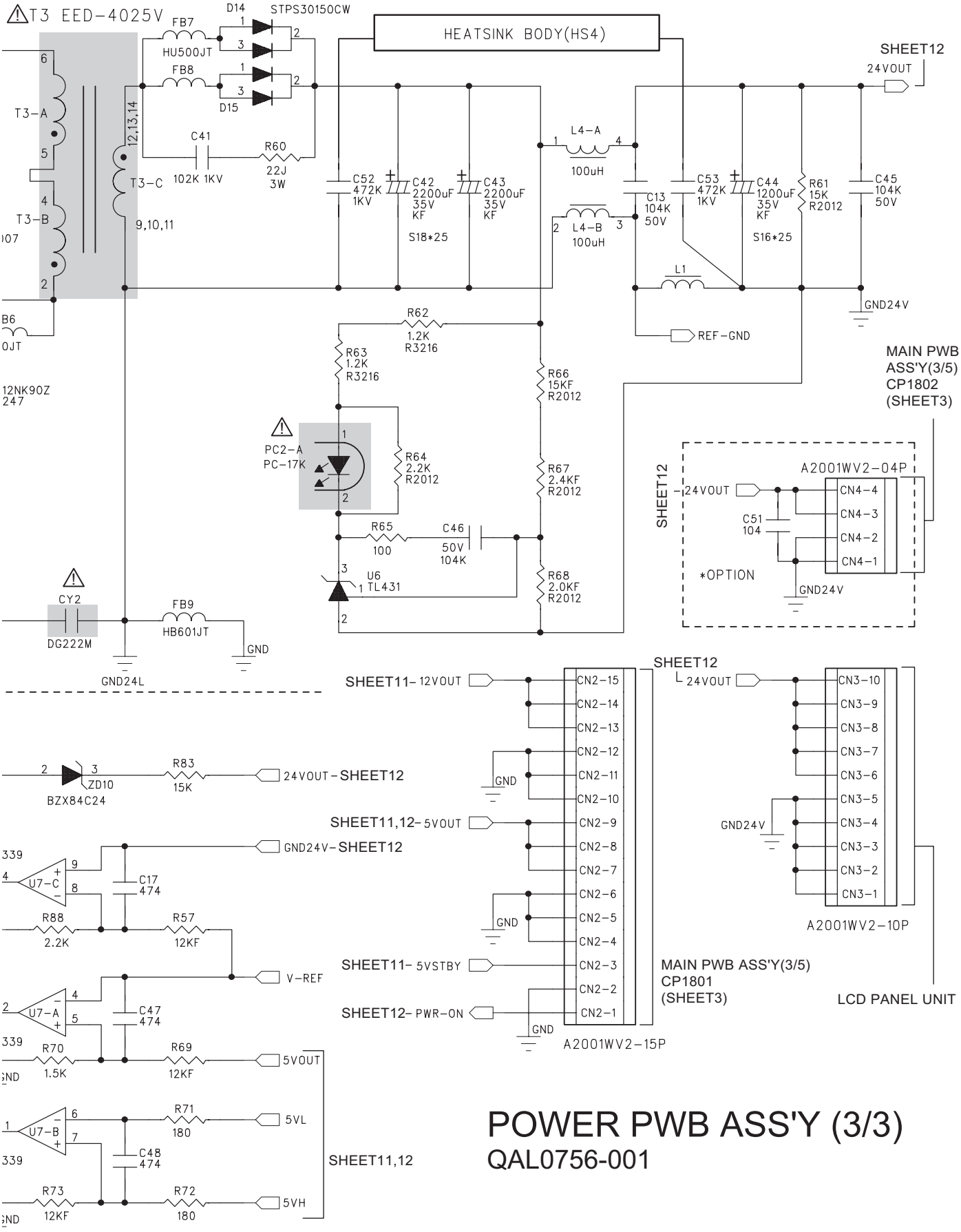
POWER PWB ASS'Y (2/3)

QAL0756-001


3329V
STPS10H100CFP
D8
FB4
500JT
C19
222K 1KV
R34
47
3W
R34B
47
3W
T2-D
14
12
12VH - SHEET12
U3 KA378R12
IN
OUT
VC
GND
SHEET12
12VOUT
R35
10K
R2012
C20
470uF
25V
KF
S10*16
C21A
470uF
25V
KF
C21B
470uF
25V
KF
C22
1000uF
25V
KF
S10*20
R36
10K
C23
104
GND
5VH
5VL
SHEET11,12
R48 1.5
1W
5VSTBY
SHEET12
FB5
500JT
D9
L3
5uH1.0pie
C24
102K 1KV
R38
22 3W
STPS2045CFP
T2-C
10
8
Q8
FQPF20N06
5VOUT
SHEET12
R40
3.9K
R2012
C25
3300uF
10V
KM
C26
3300uF
10V
KM
R39
1.2K
3216
C27
1000uF
10V
KM
S10*12.5
C27B
1000uF
10V
KM
C28
50V
104K
C2012
C29
100uF
35V
KM
R41
2.2K
C30
50V
104K
C2012
CY1
)G102M
GND
5VH
MMBT2222
Q9
SHEET12 - /ENABLE
C8
50V
104K
C2012
R42
470
R2012
R45
100F
R2012
PC1-A
PC-17K
R43
2.2K
R2012
R46
2.0KF
R2012
R44
100
C31
50V
474K
U4
TL431
R47
2.0KF
R2012

POWER PWB CIRCUIT DIAGRAM (3/3) [LT-26X506/S] SHEET12

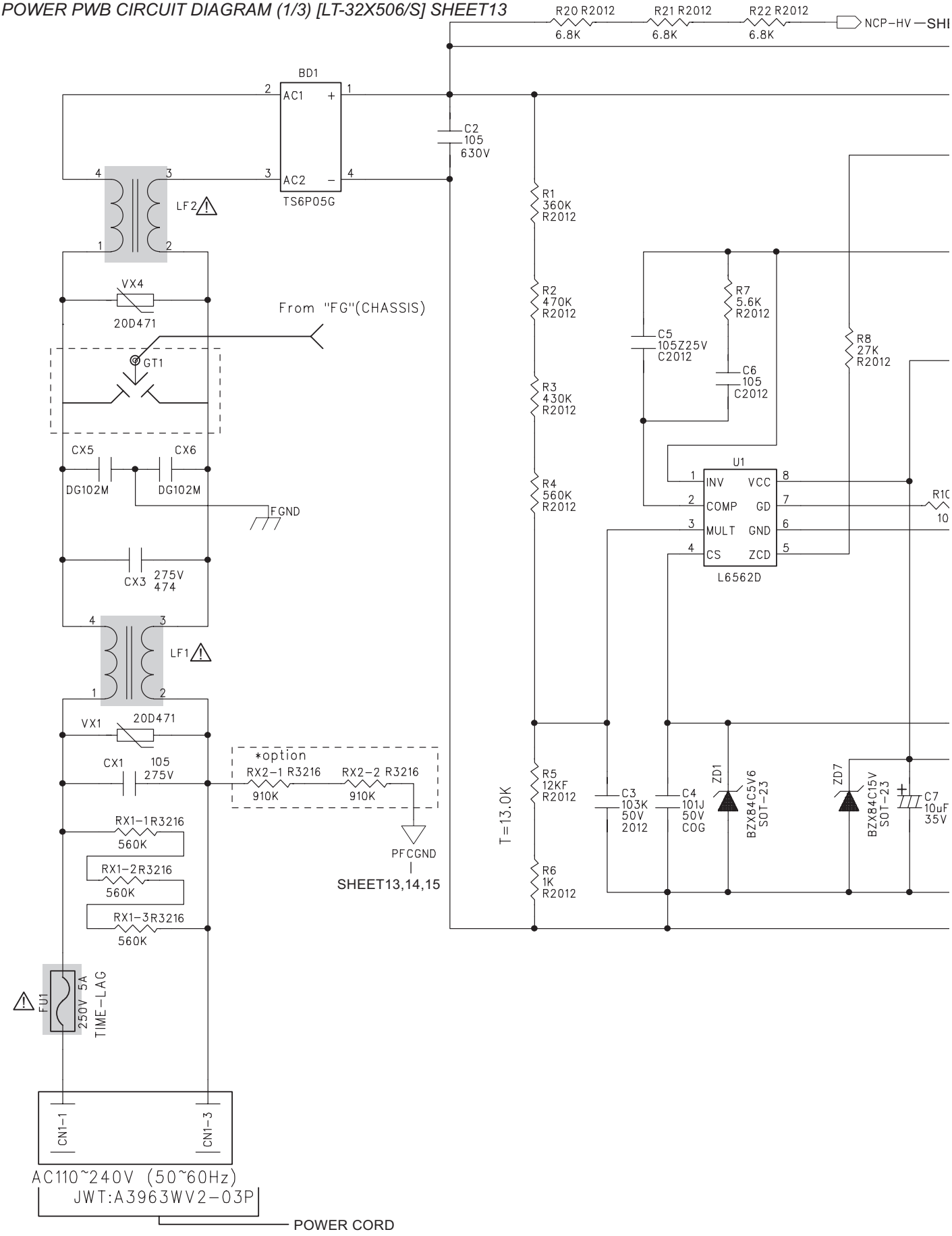


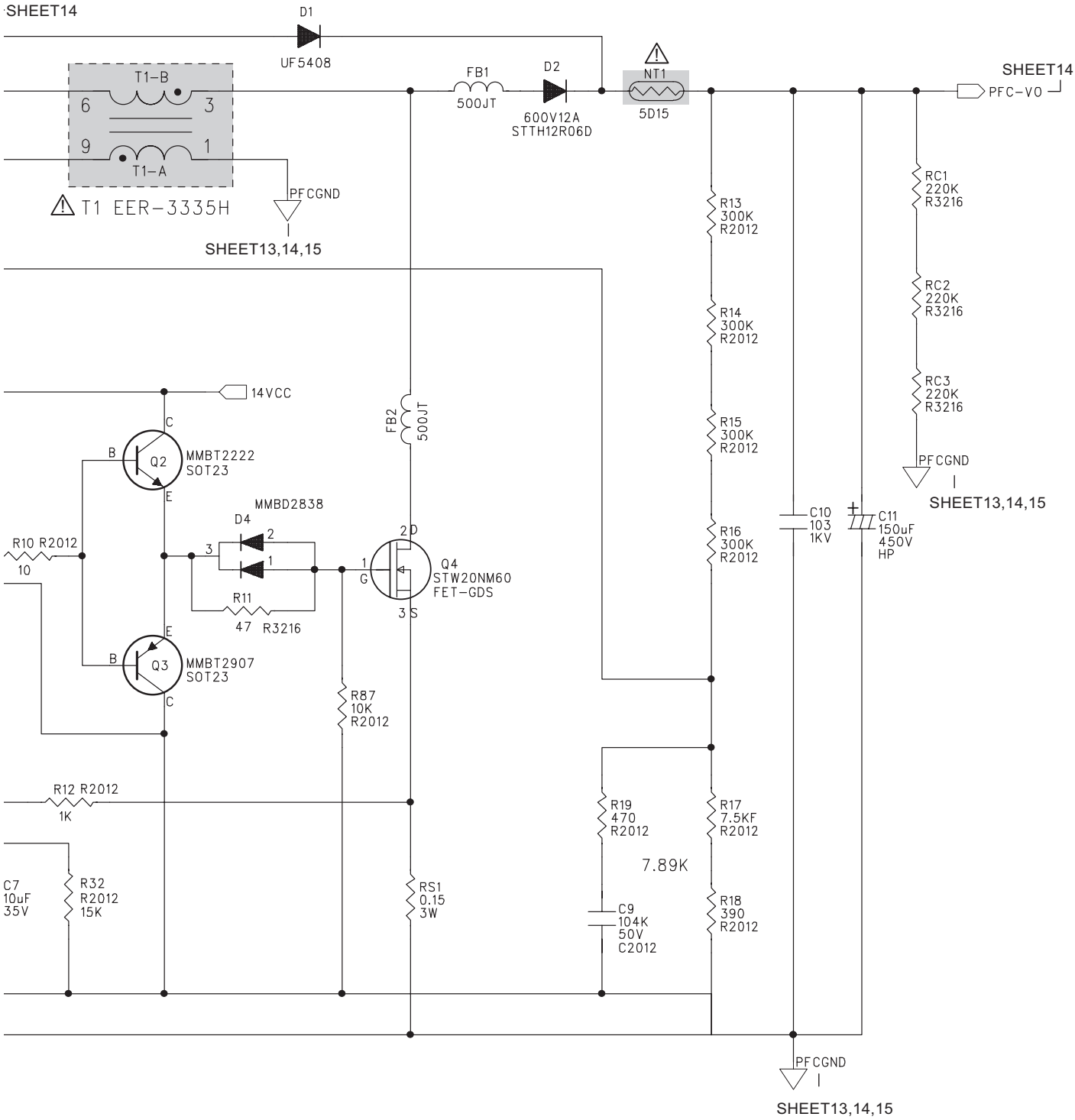


POWER PWB ASS'Y (3/3)

QAL0756-001

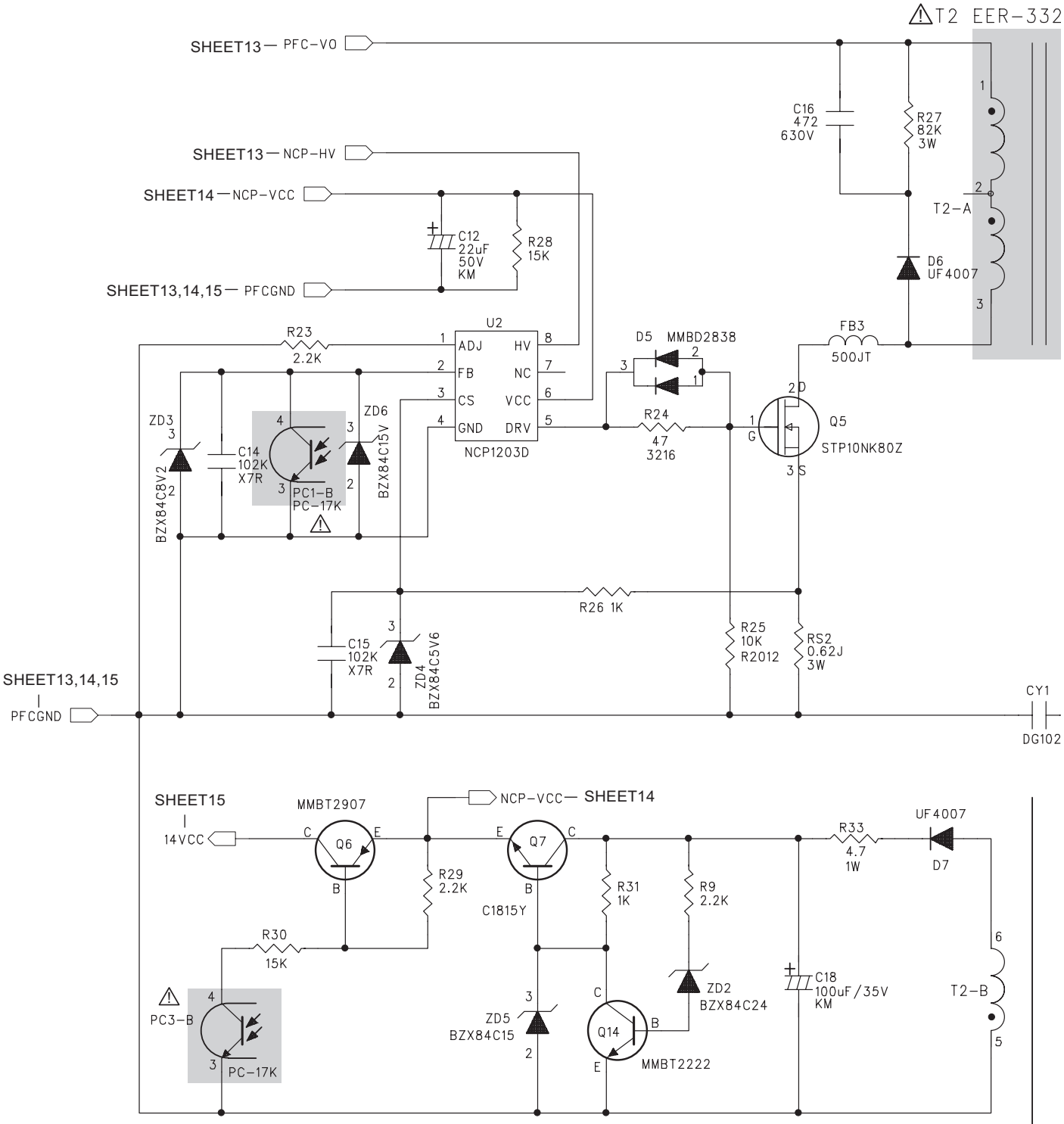
POWER PWB CIRCUIT DIAGRAM (1/3) [LT-32X506/S] SHEET13





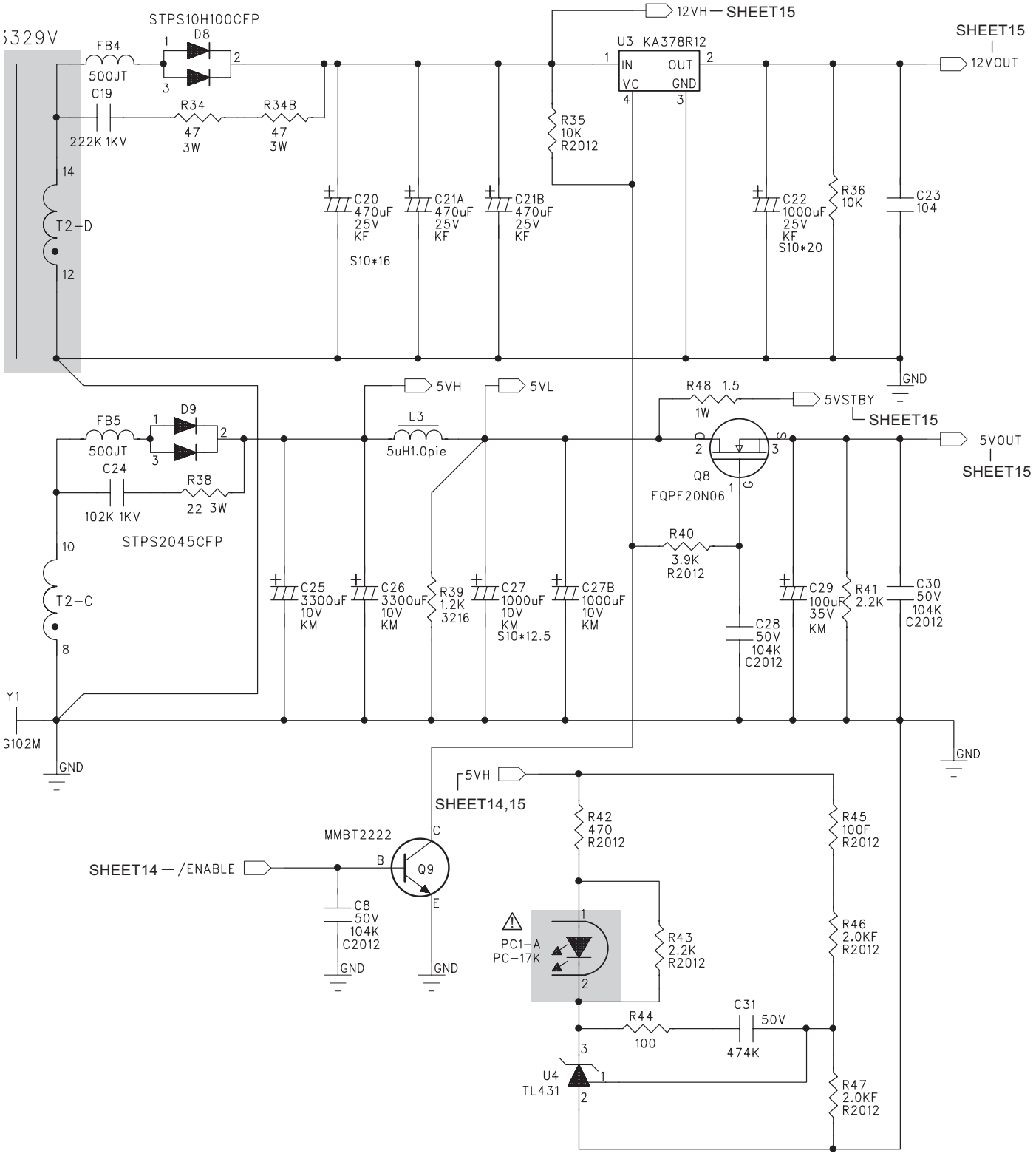
POWER PWB ASS'Y (1/3)

QAL0757-001

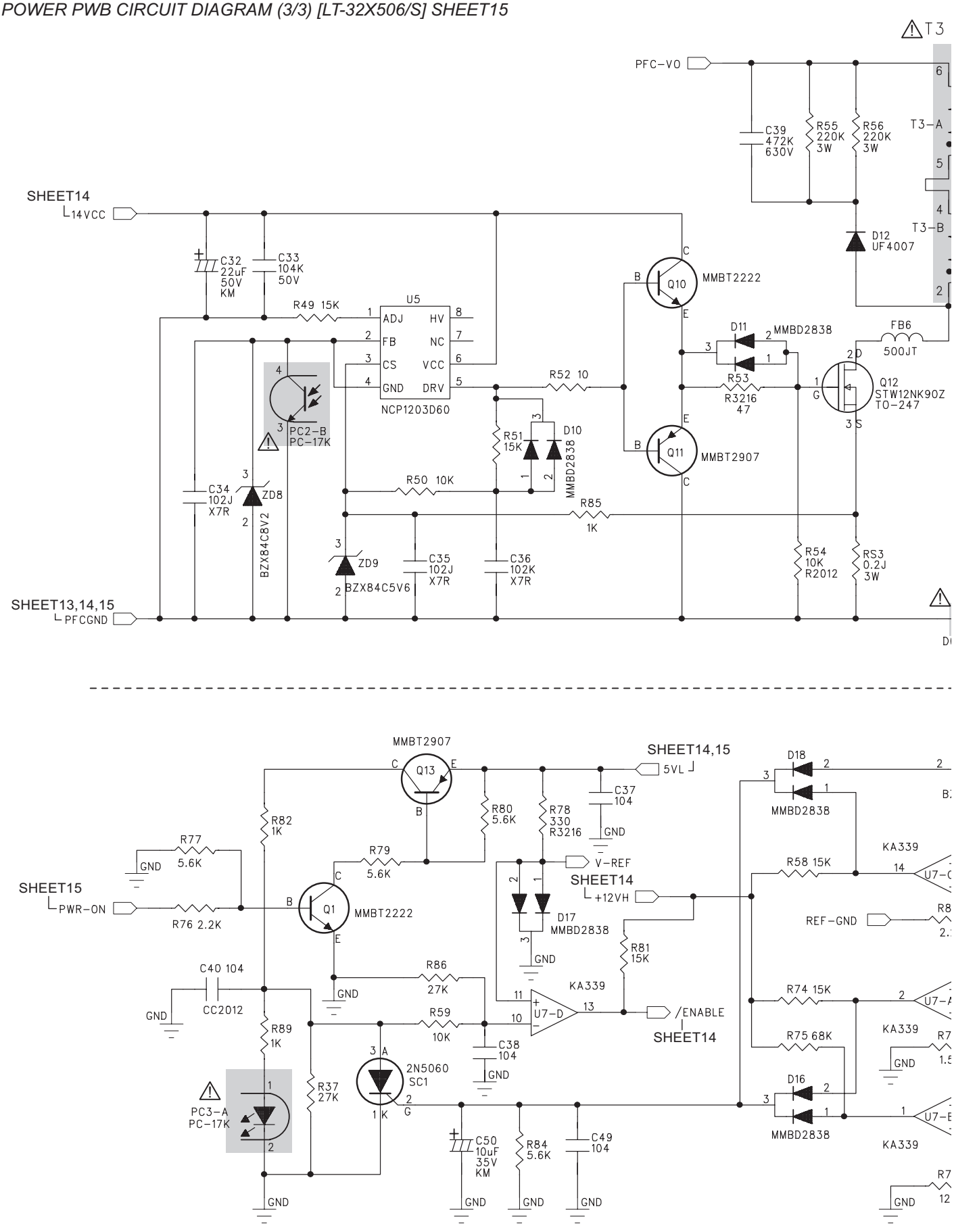


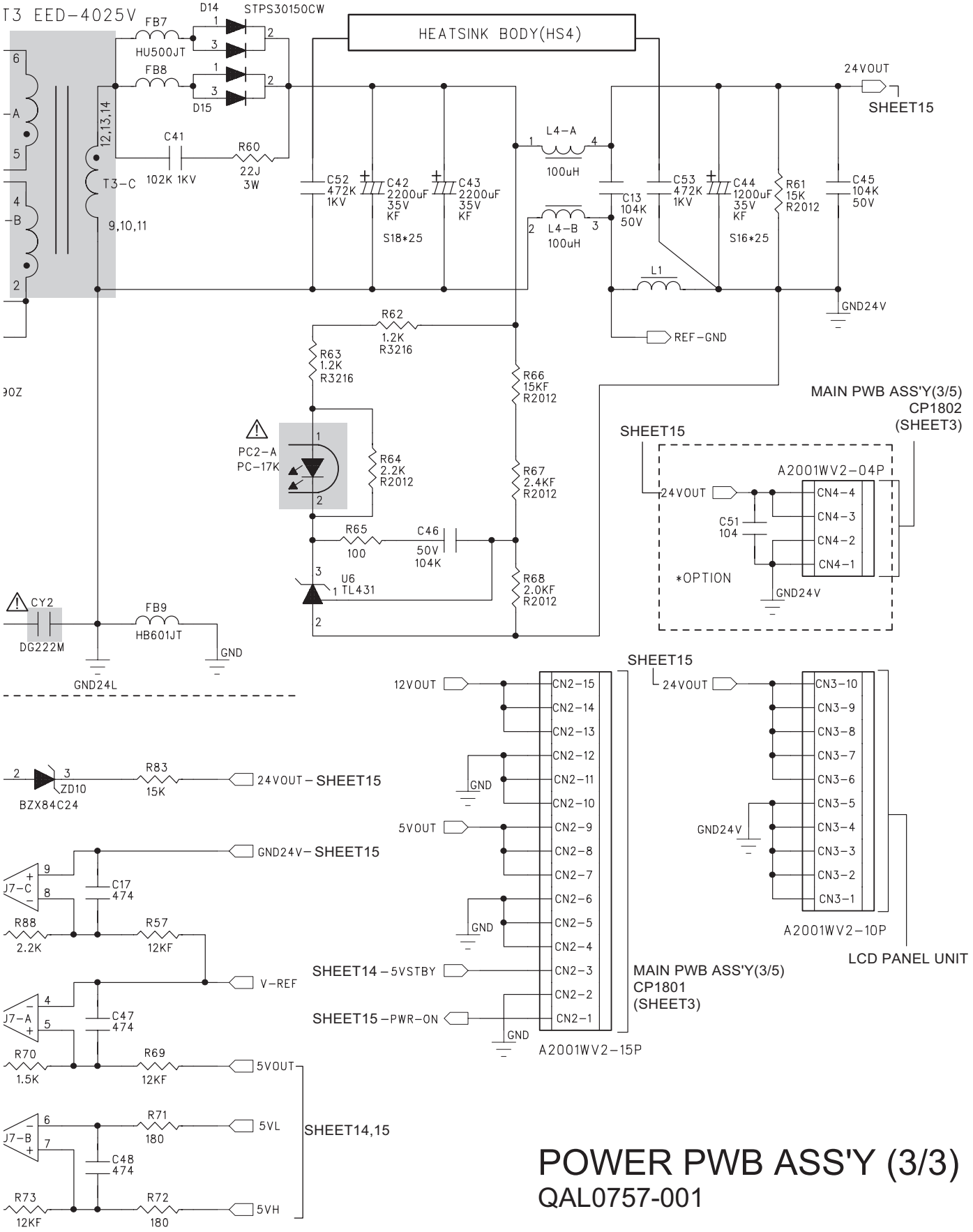
POWER PWB ASS'Y (2/3)

QAL0757-001


STPS10H100CFP
D8
FB4
500JT
C19
222K 1KV
R34
47
3W
R34B
47
3W
12VH — SHEET15
U3 KA378R12
IN
OUT
VC
GND
SHEET15
12VOUT
R35
10K
R2012
C20
470uF
25V
KF
S10*16
C21A
470uF
25V
KF
C21B
470uF
25V
KF
C22
1000uF
25V
KF
S10*20
R36
10K
C23
104
T2-D
14
12
GND
5VH
5VL
R48 1.5
1W
5VSTBY
SHEET15
FB5
500JT
D9
C24
102K 1KV
R38
22 3W
STPS2045CFP
L3
5uH1.0pie
Q8
FQPF20N06
5VOUT
SHEET15
R40
3.9K
R2012
C25
3300uF
10V
KM
C26
3300uF
10V
KM
R39
1.2K
3216
C27
1000uF
10V
KM
S10*12.5
C27B
1000uF
10V
KM
C28
50V
104K
C2012
C29
100uF
35V
KM
R41
2.2K
C30
50V
104K
C2012
T2-C
10
8
Y1
3102M
GND
5VH
SHEET14,15
MMBT2222
Q9
SHEET14 — /ENABLE
C8
50V
104K
C2012
GND
GND
R42
470
R2012
R45
100F
R2012
PC1-A
PC-17K
R43
2.2K
R2012
R46
2.0KF
R2012
R44
100
C31
50V
474K
U4
TL431
R47
2.0KF
R2012

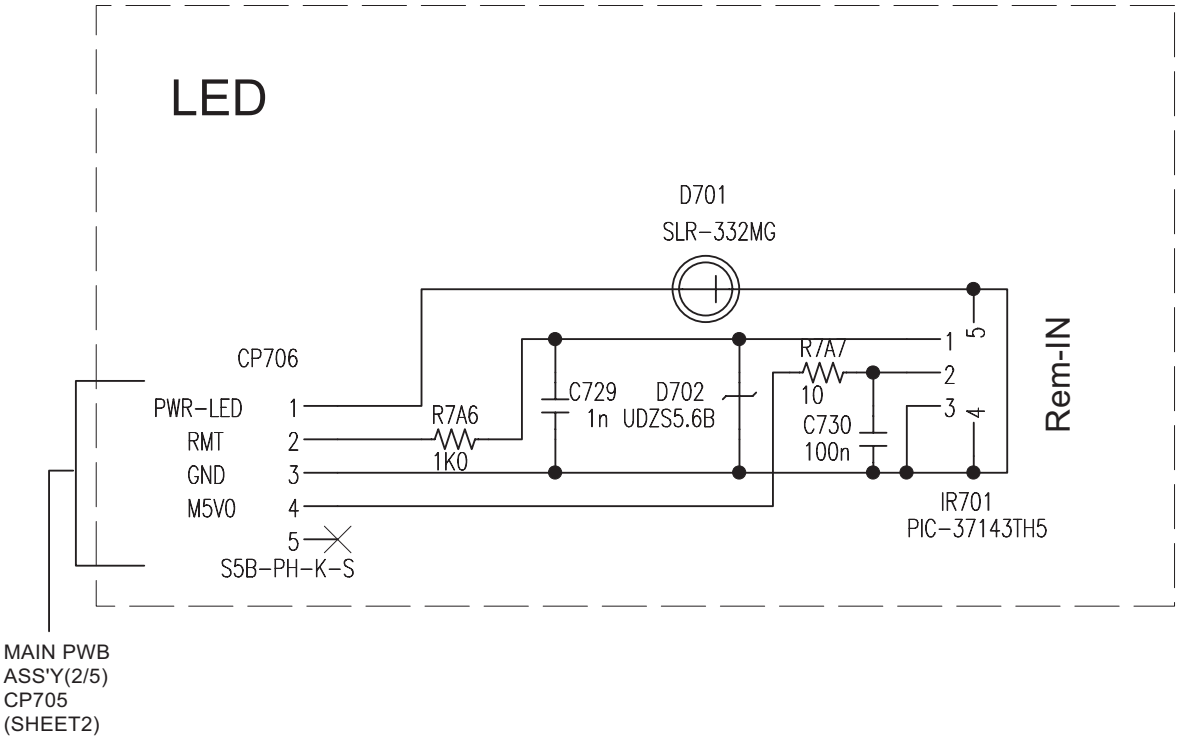
POWER PWB CIRCUIT DIAGRAM (3/3) [LT-32X506/S] SHEET15



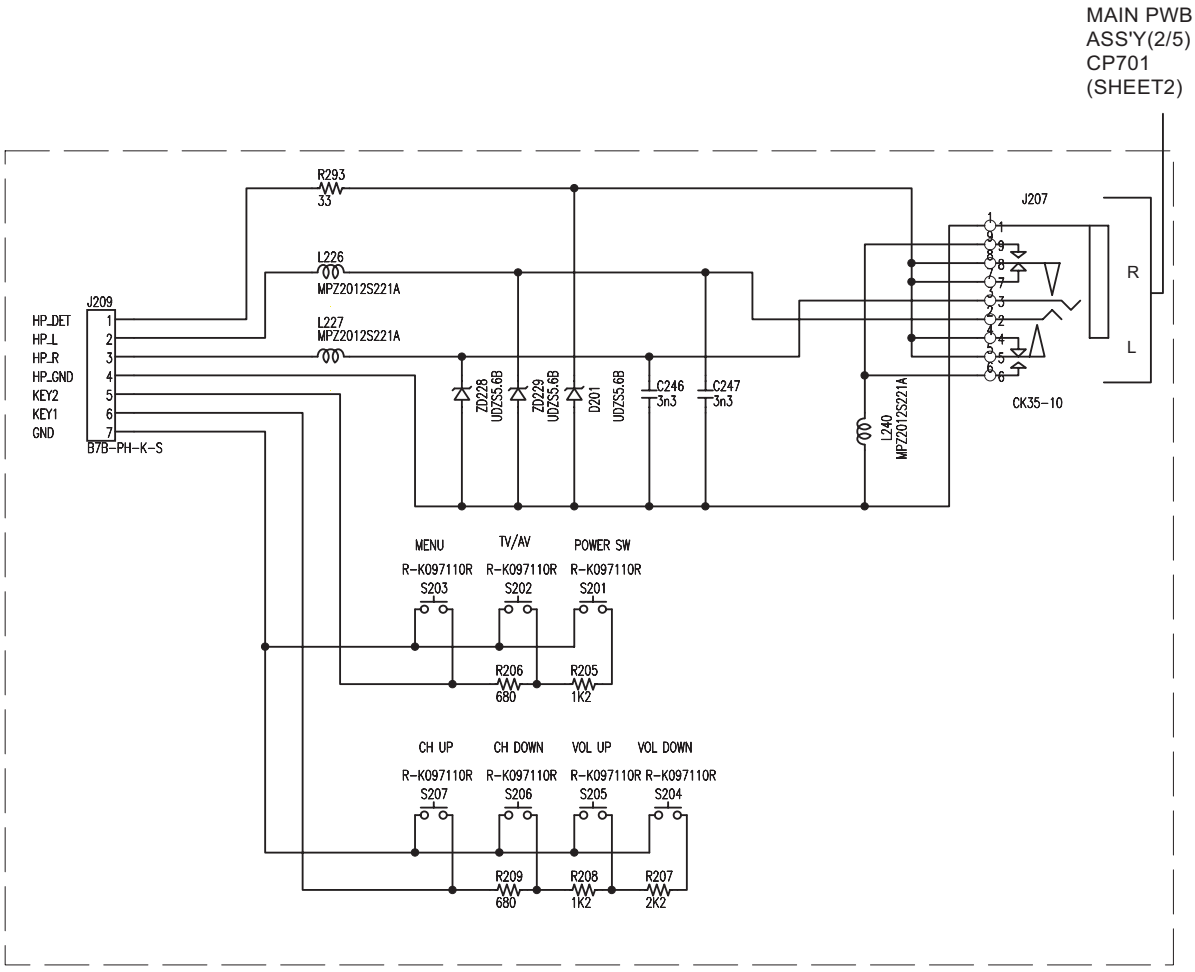


POWER PWB ASS'Y (3/3)

QAL0757-001



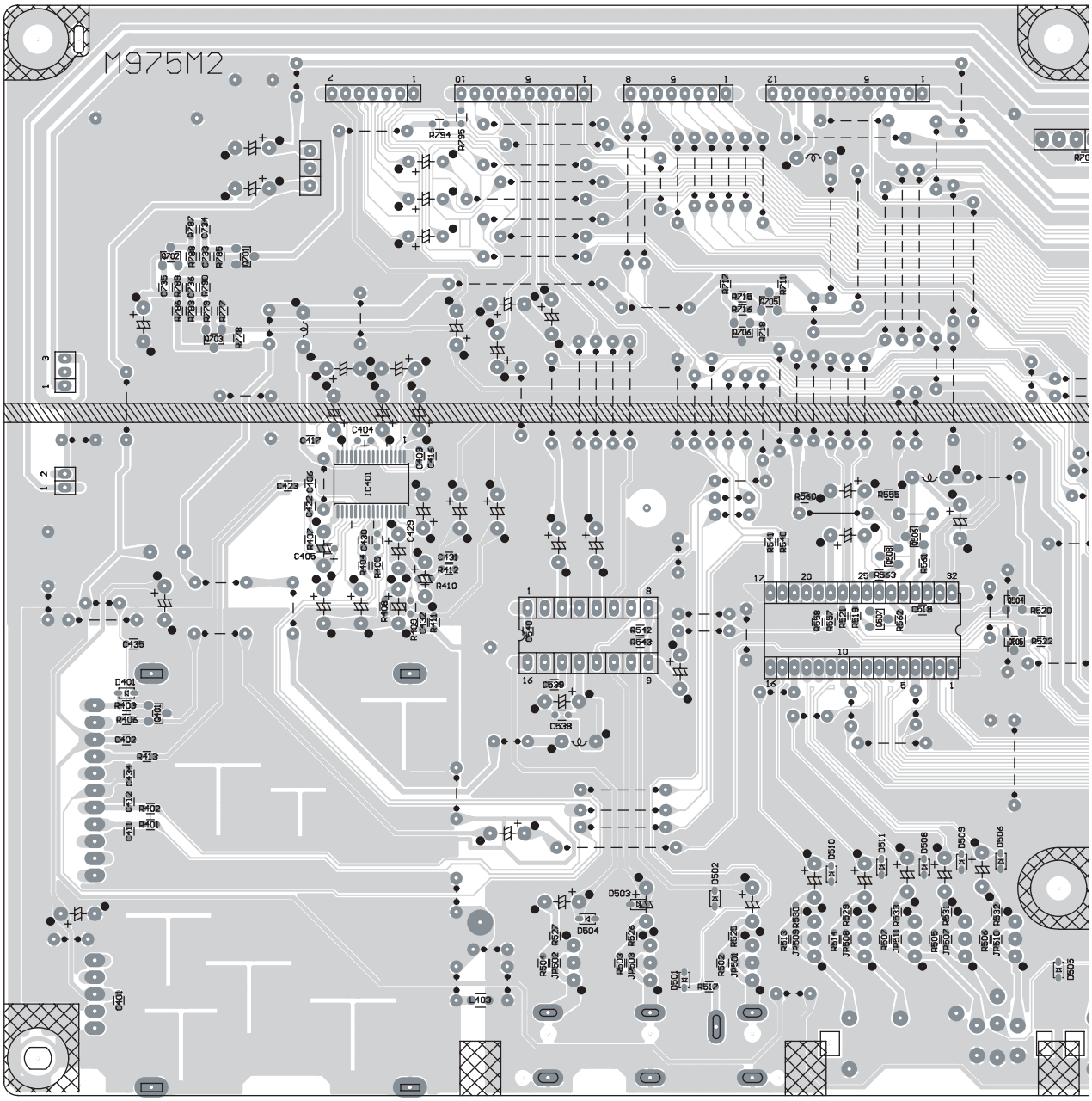
LED PWB ASS'Y
QAL0758-001

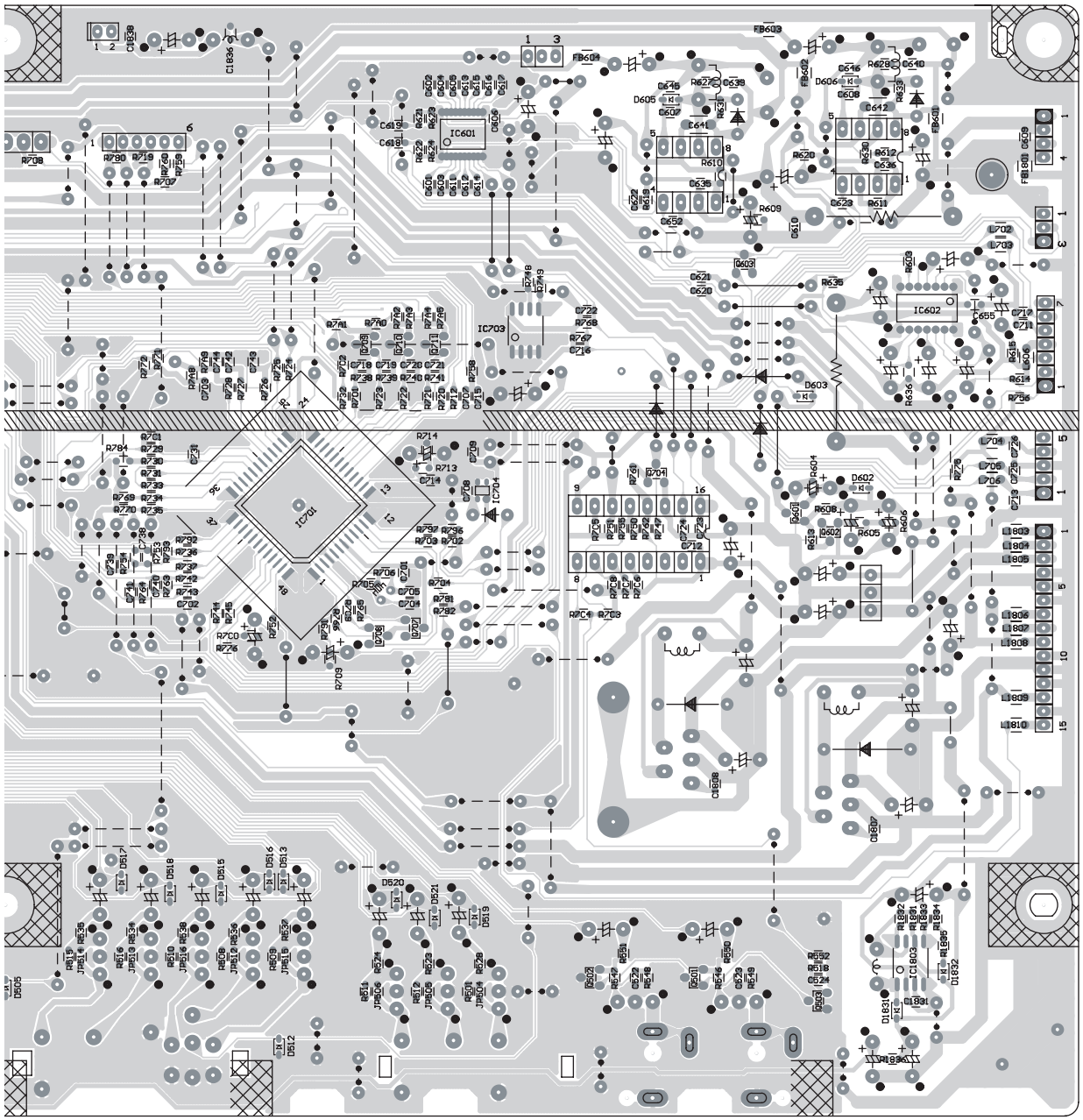


KEY PWB ASS'Y
QAL0759-001

PATTERN DIAGRAMS

MAIN PWB PATTERN [SOLDER SIDE]

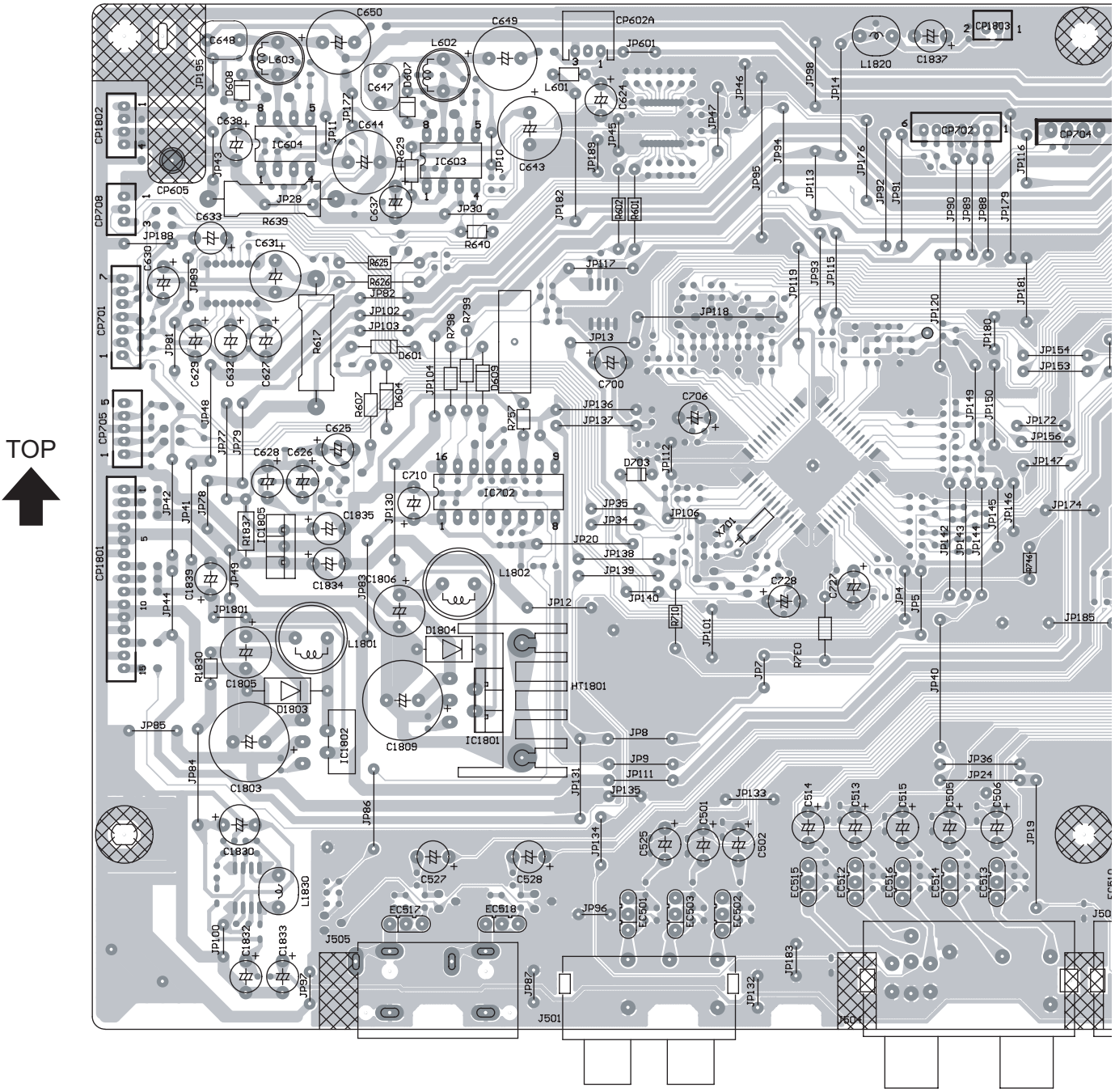


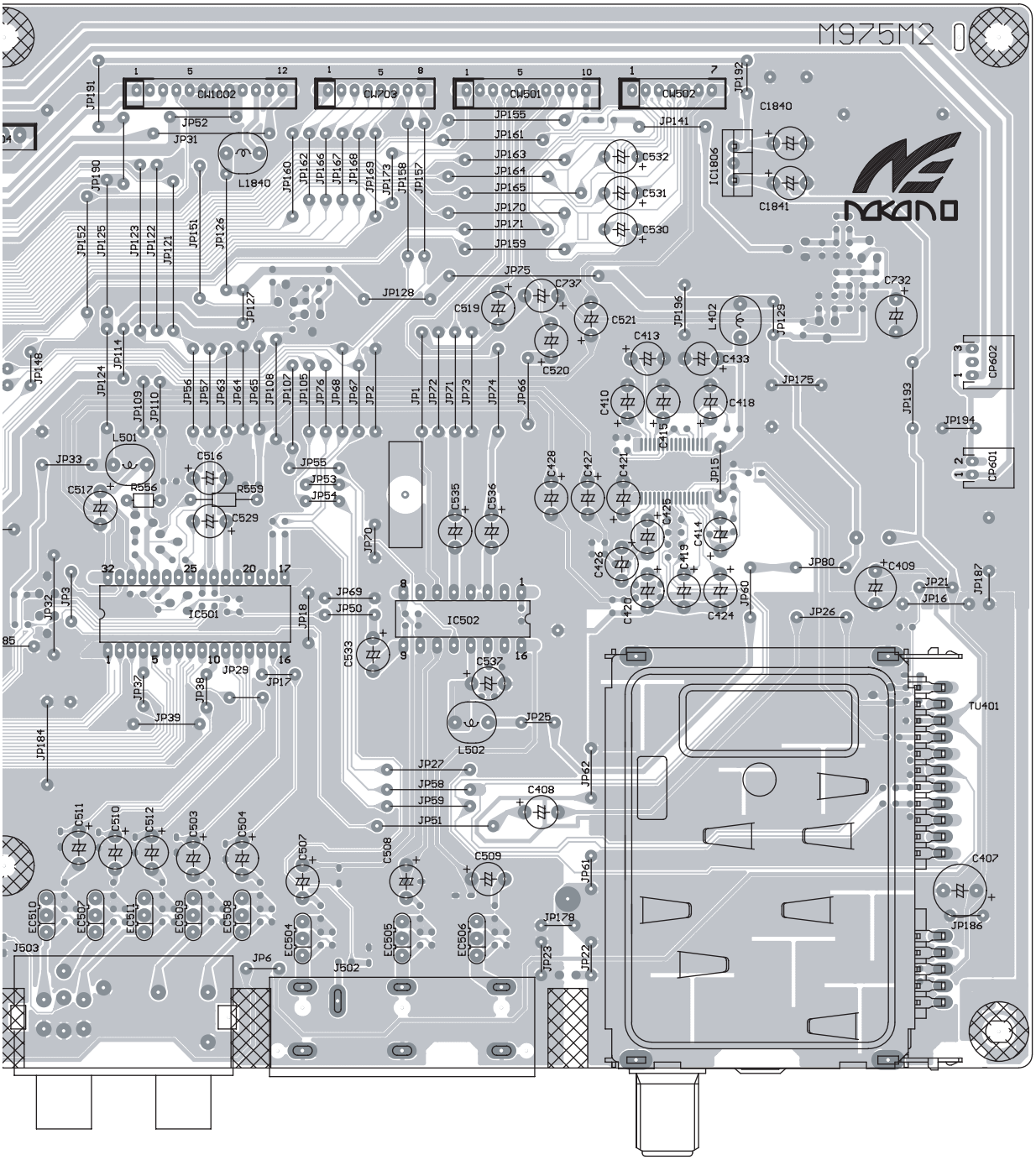


TOP

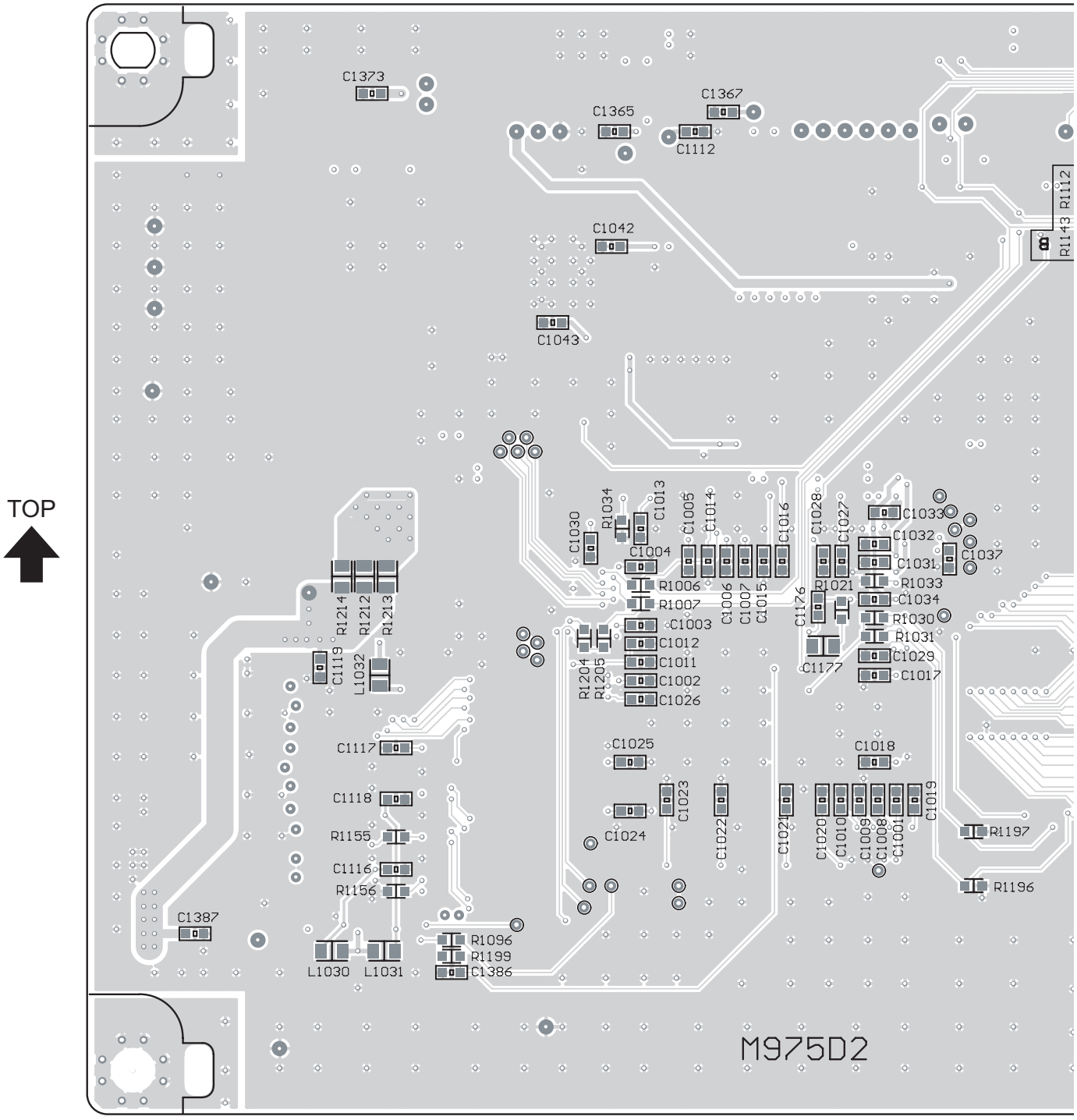
MAIN PWB PATTERN [PARTS SIDE]

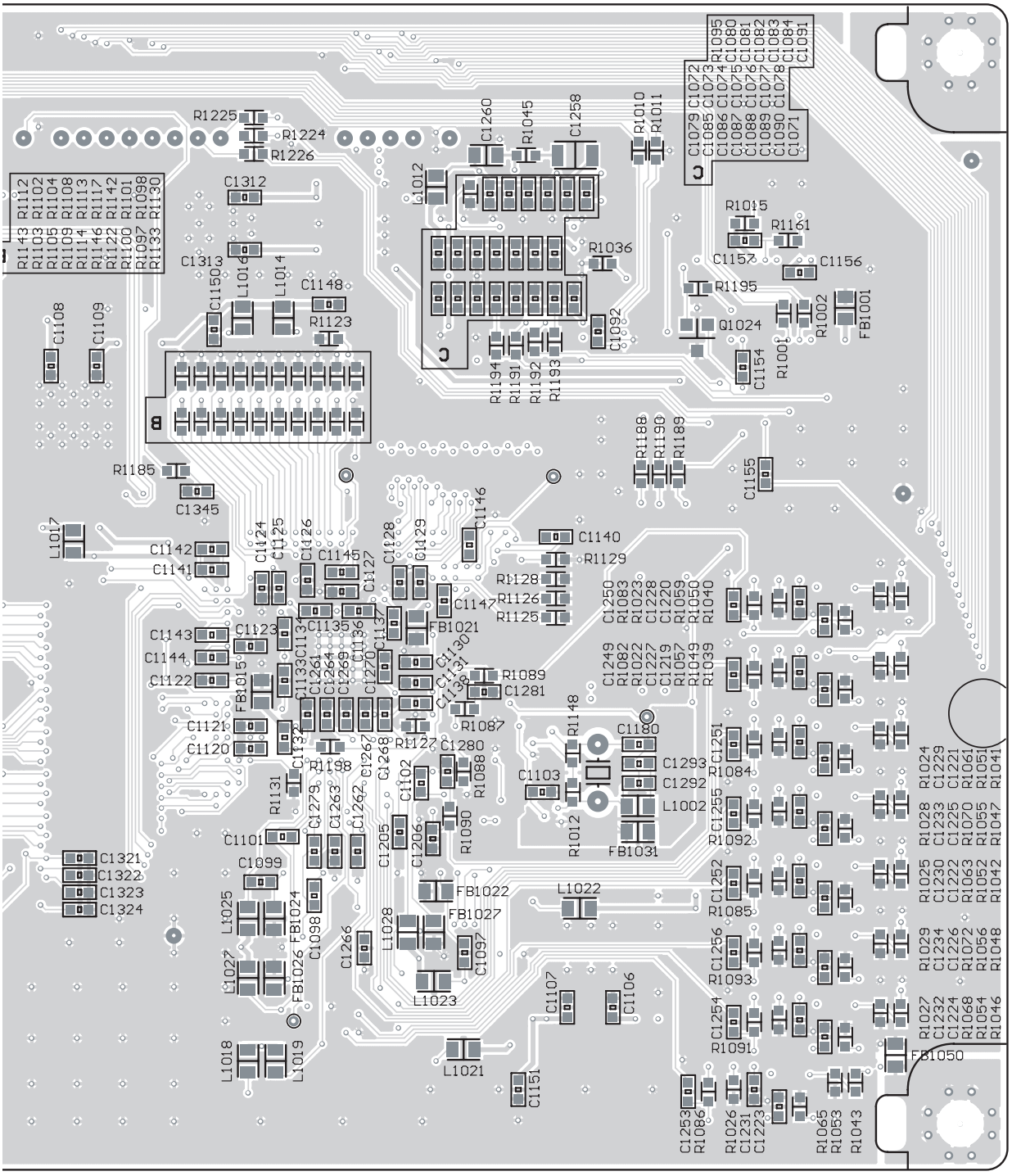
TOP



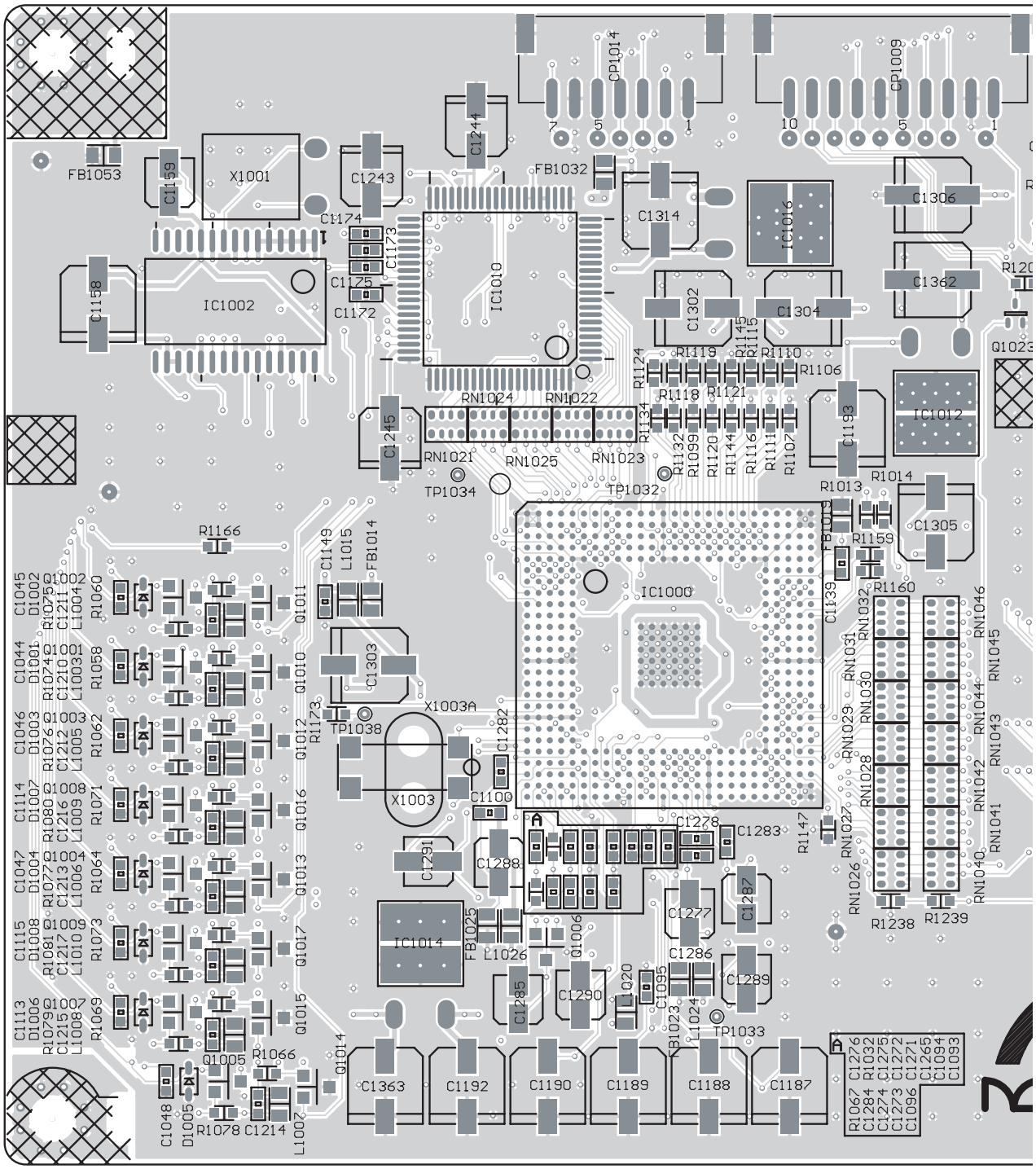

M975M2
CW1002
CW503
CW501
CW502
IC501
IC502
TU401
L1840
L501
L502
L402
C1840
C1841
IC1806
CP602
CP601
J503
J502

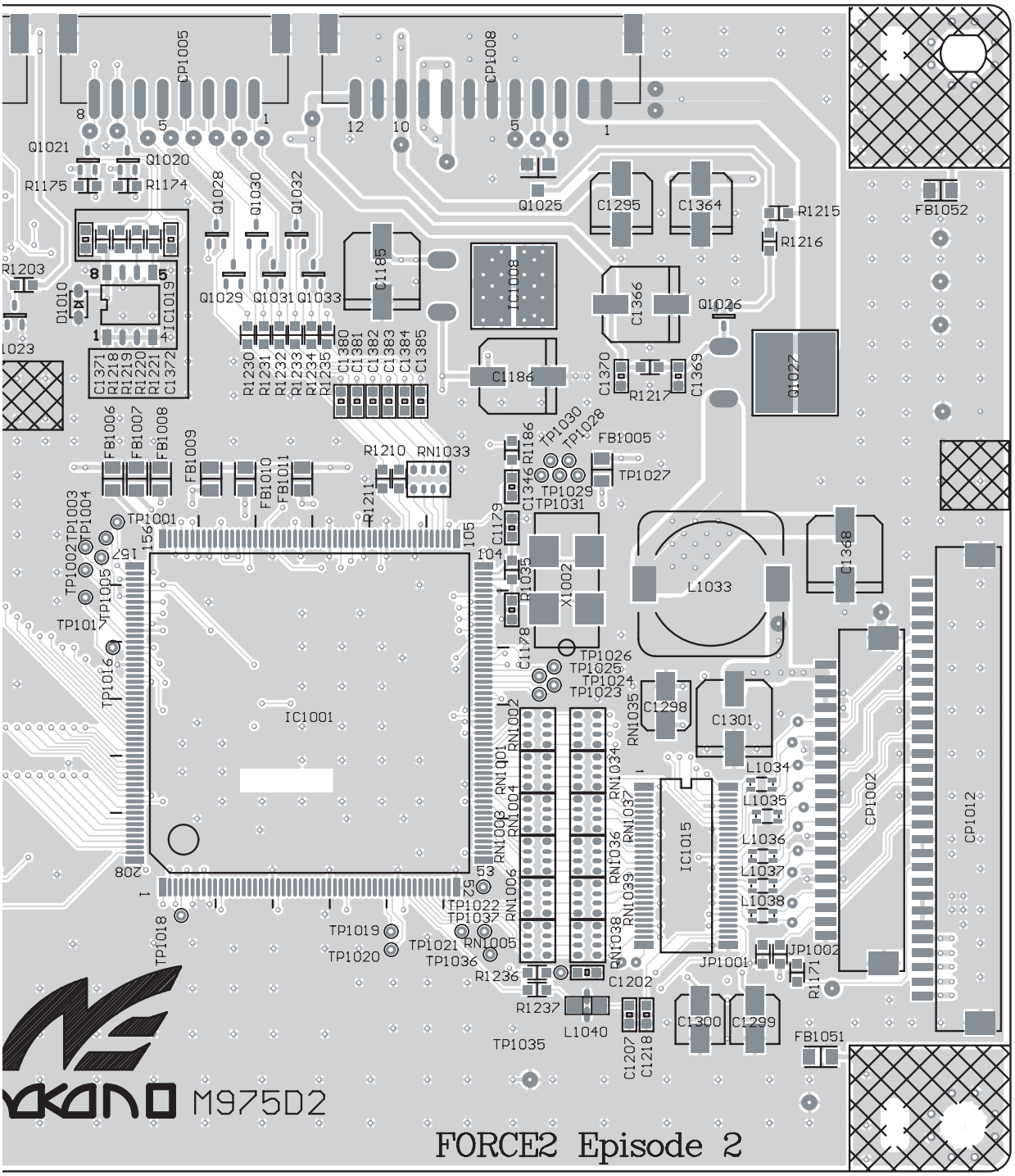
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]





DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]



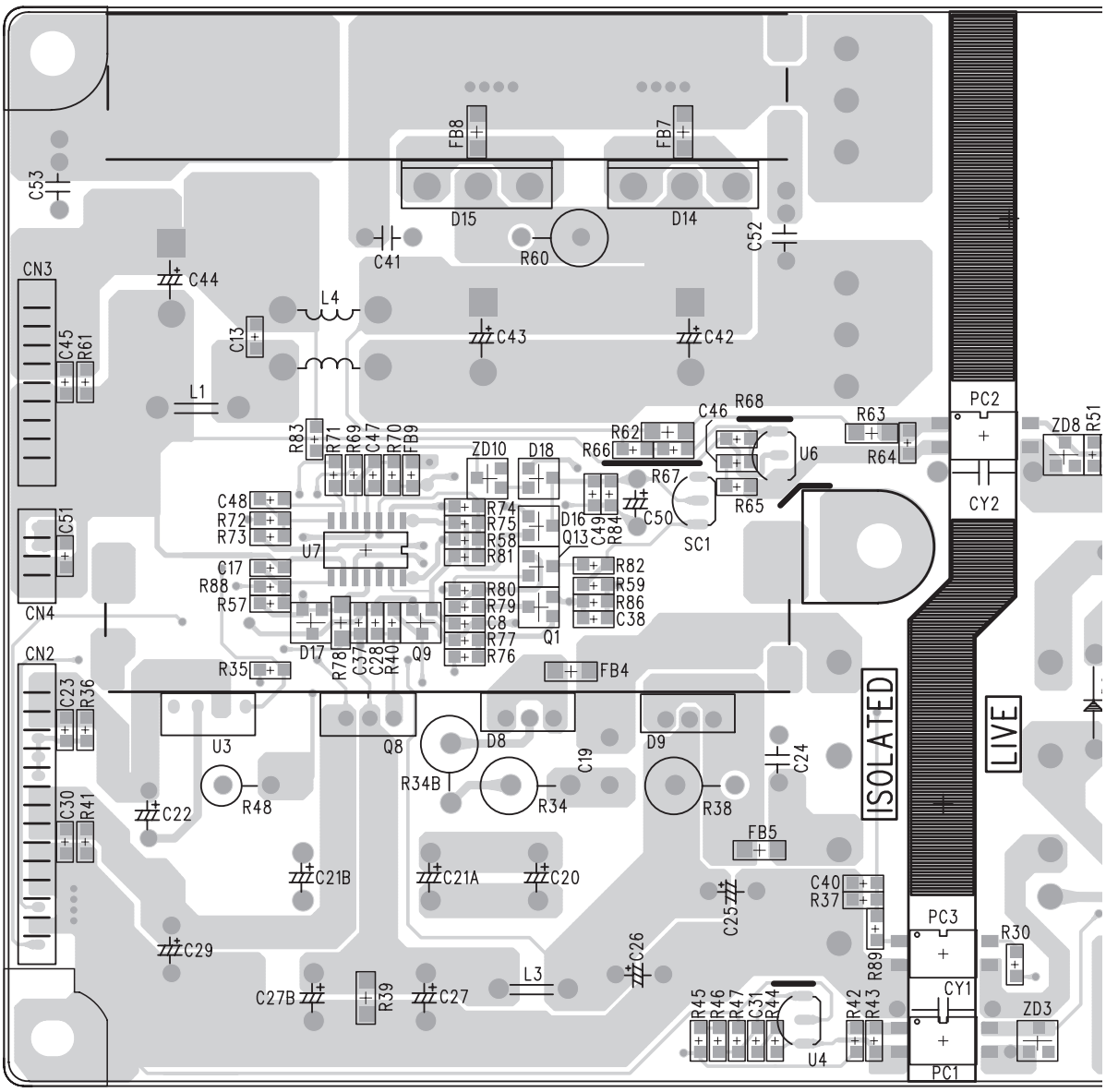

CP1005
CP1008
Q1021
Q1020
R1175
R1174
Q1028
Q1030
Q1032
Q1025
C1295
C1364
R1215
R1216
FB1052
R1203
D1010
IC1019
Q1029
Q1031
Q1033
C1185
IC1008
C1366
Q1026
C1186
C1370
R1217
C1369
Q1027
FB1006
FB1007
FB1008
FB1009
FB1010
FB1011
R1210
RN1033
TP1030
TP1028
FB1005
TP1027
TP1029
TP1031
TP1001
TP1002
TP1003
TP1004
TP1005
TP1016
TP101
IC1001
X1002
L1033
C1368
TP1026
TP1025
TP1024
TP1023
C1298
C1301
L1034
L1035
L1036
L1037
L1038
IC1015
CP1002
CP1012
JP1001
JP1002
R1171
C1202
R1236
R1237
L1040
TP1035
C1300
C1299
FB1051
TP1018
TP1019
TP1020
TP1021
TP1022
TP1036
TP1037
RN1005
M975D2
FORCE2 Episode 2

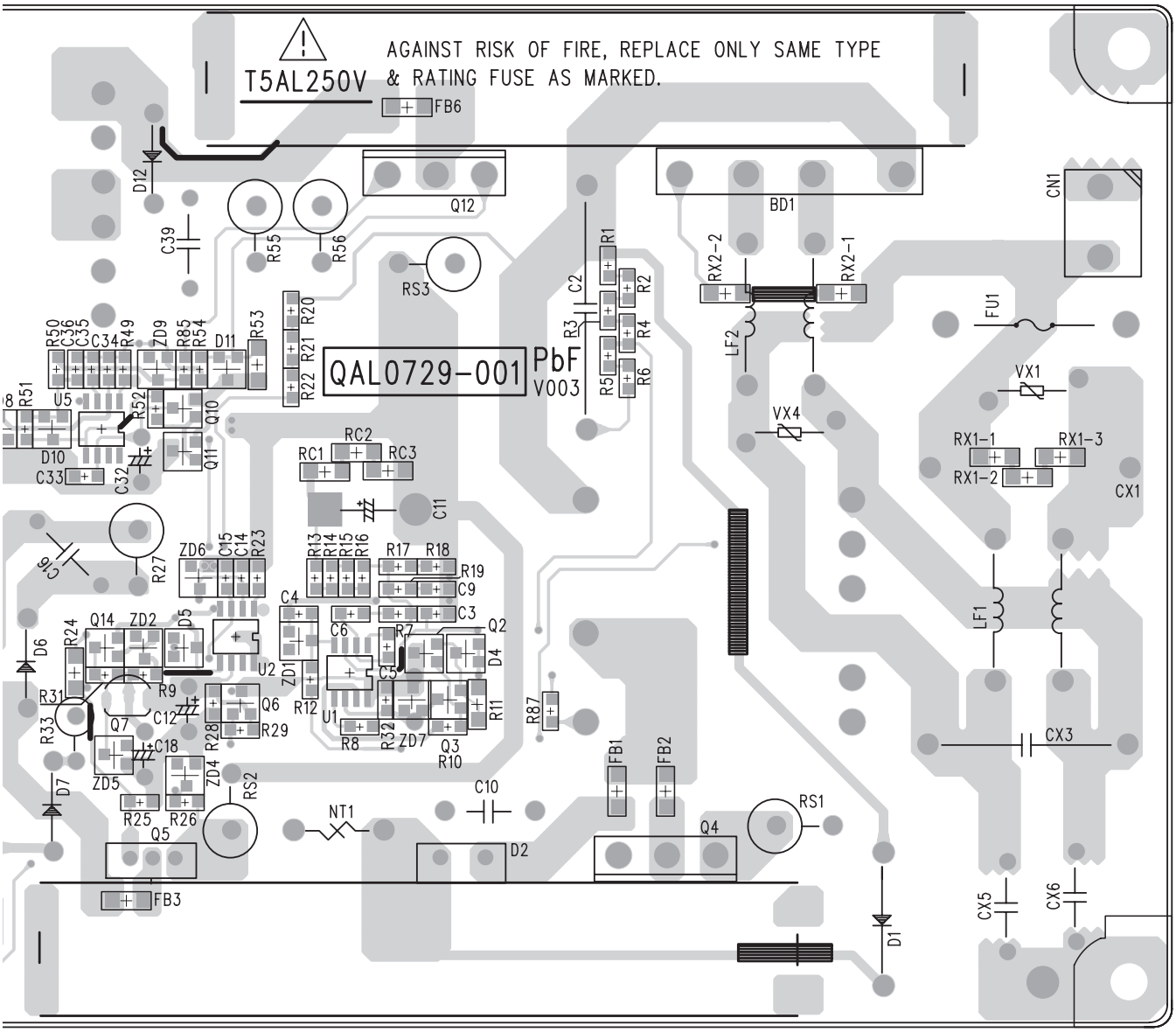
TOP

POWER PWB PATTERN [LT-26X506/S]

[SOLDER SIDE]

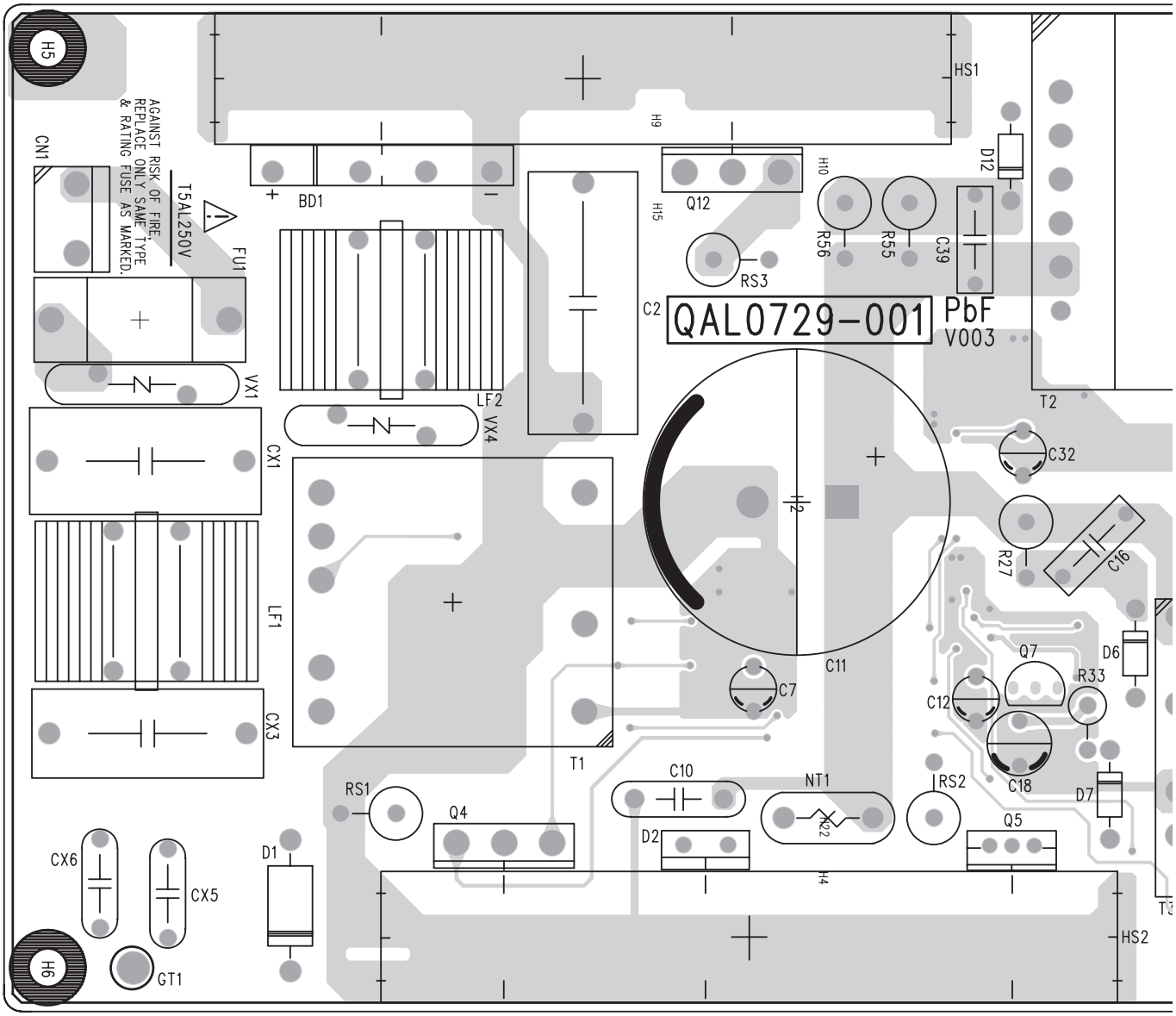
TOP

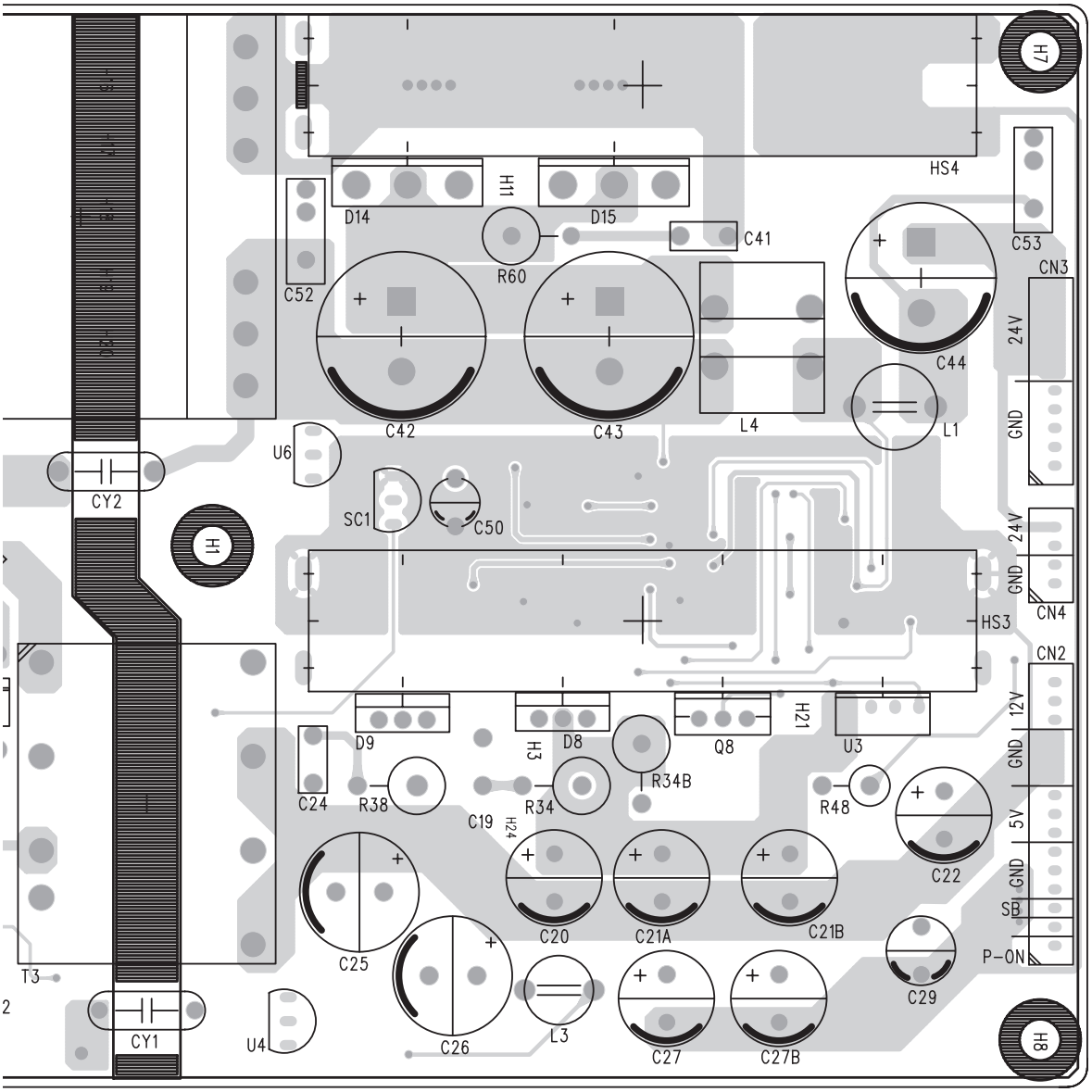



AGAINST RISK OF FIRE, REPLACE ONLY SAME TYPE
T5AL250V & RATING FUSE AS MARKED.
QAL0729-001 PbF
V003
FB6
Q12
BD1
CN1
D12
C39
R55
R56
RS3
C2
R1
R2
R3
R4
R5
R6
RX2-2
RX2-1
LF2
FU1
VX1
VX4
RX1-1
RX1-3
RX1-2
CX1
LF1
CX3
CX5
CX6
D1
RS1
Q4
D2
FB1
FB2
NT1
C10
RS2
ZD4
R25
R26
Q5
FB3
ZD5
D7
R31
R33
Q7
C18
R28
R29
Q6
C12
R9
U2
ZD1
R12
U1
R8
R52
ZD7
Q3
R10
R11
R87
Q2
D4
C5
C6
C4
C3
C9
R19
R17
R18
R13
R14
R15
R16
ZD6
C15
C14
R23
C16
R27
C11
RC2
RC1
RC3
C32
C33
D10
U5
R51
R50
C36
C35
C34
R49
ZD9
R85
R54
D11
R53
R20
R21
R22
Q10
Q11
R52
Q14
ZD2
D5
R24
D6

POWER PWB PATTERN [LT-26X506/S]

[PARTS SIDE]



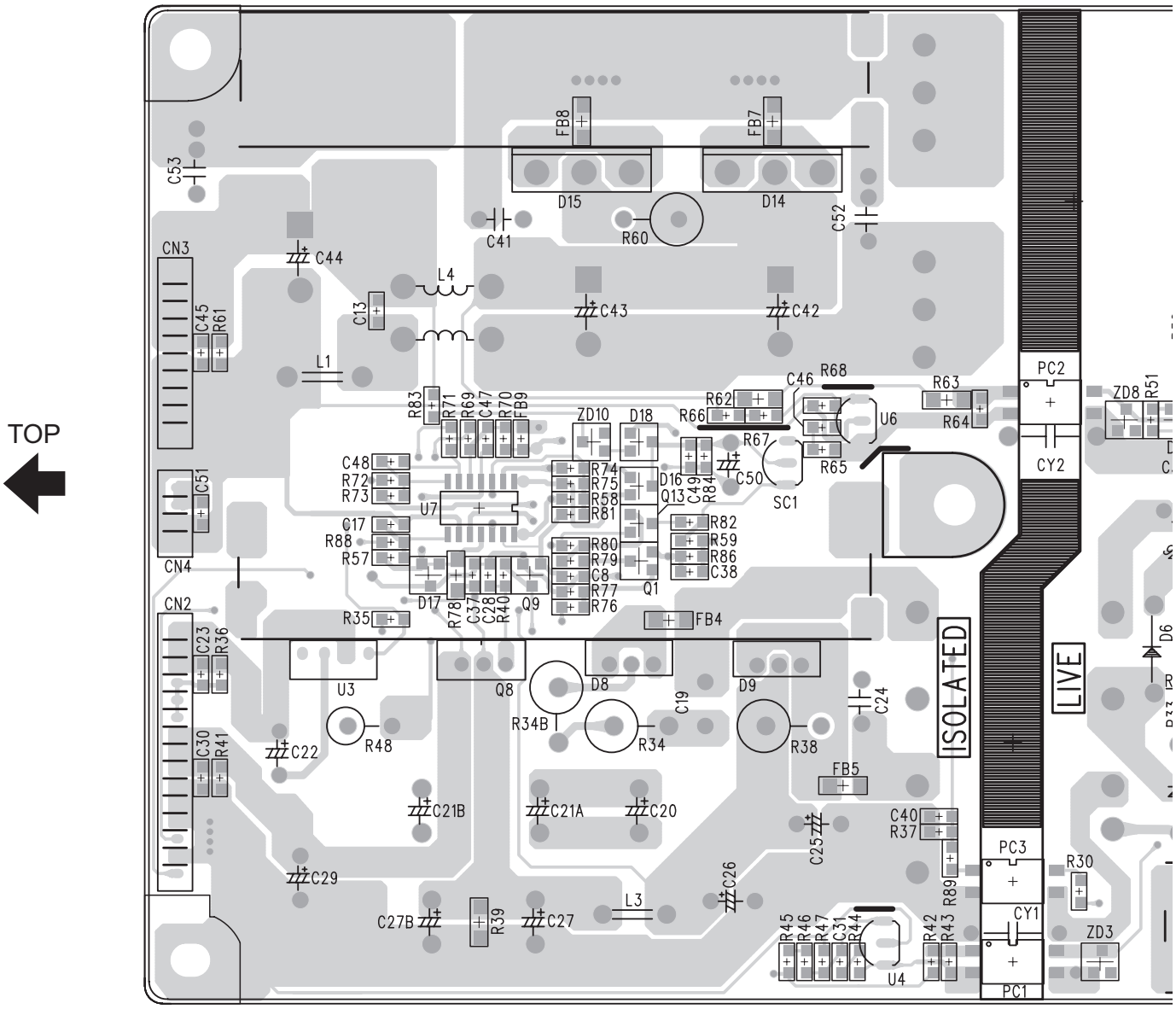

H7
HS4
H11
D14
D15
C41
C53
CN3
C52
R60
C44
24V
C42
C43
L4
L1
GND
U6
CY2
SC1
C50
H1
24V
GND
CN4
HS3
CN2
D9
H3
D8
Q8
H21
U3
12V
GND
C24
R38
R34
R34B
R48
C19
H24
5V
C22
C20
C21A
C21B
GND
SB
C25
P-ON
T3
C29
C26
L3
C27
C27B
CY1
U4
H8

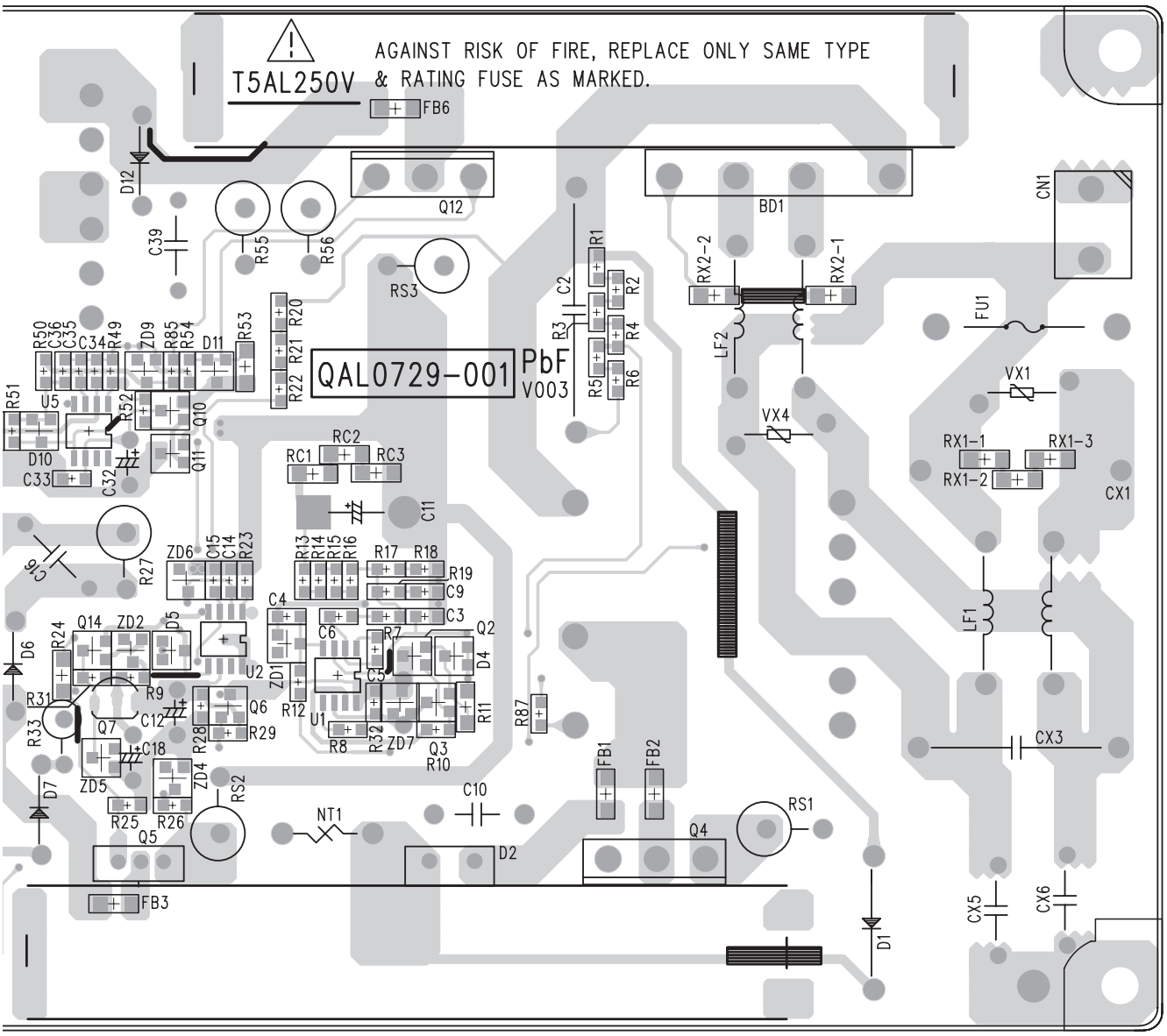
TOP

POWER PWB PATTERN [LT-32X506/S]

[SOLDER SIDE]

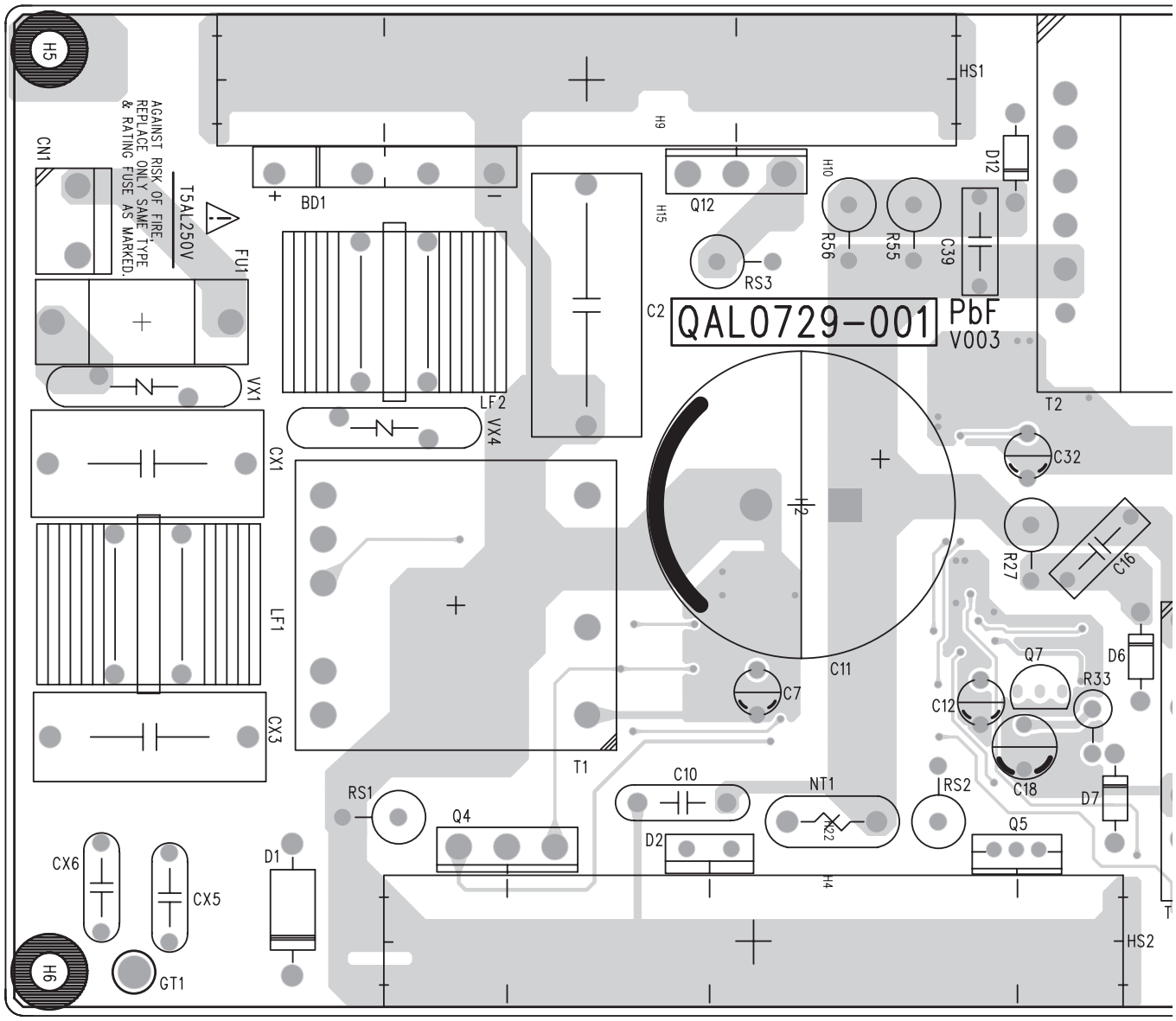
TOP

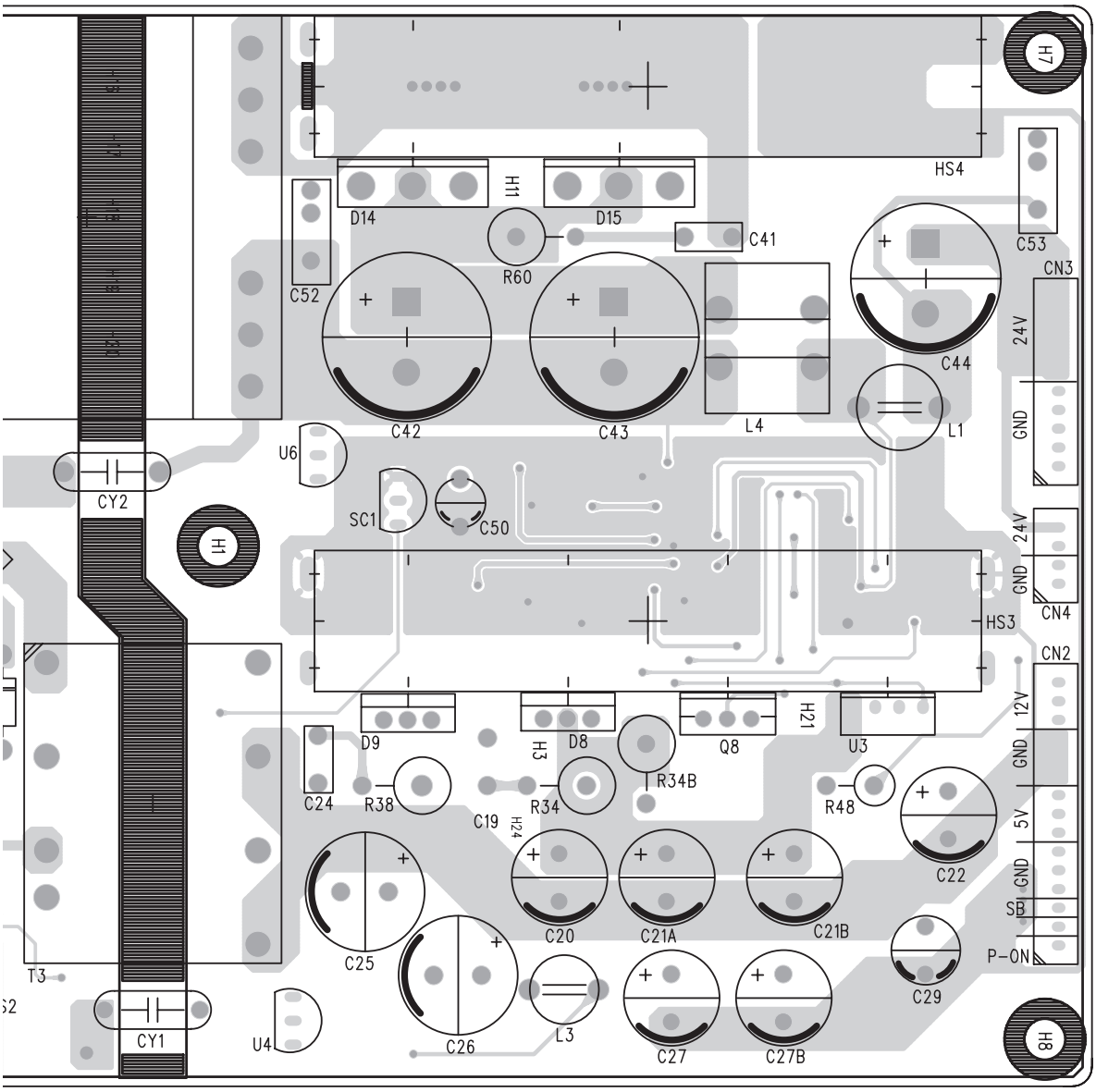



AGAINST RISK OF FIRE, REPLACE ONLY SAME TYPE
T5AL250V & RATING FUSE AS MARKED.
QAL0729-001 PbF
V003
FB6
Q12
BD1
CN1
RS3
RX2-2
RX2-1
FU1
VX1
VX4
RX1-1
RX1-3
RX1-2
CX1
LF1
LF2
CX3
CX5
CX6
RS1
Q4
D1
D2
FB1
FB2
NT1
C10
FB3
Q5
RS2
U1
U2
Q2
Q3
Q6
Q7
RC1
RC2
RC3
C11
C32
C33
D10
U5
Q10
Q11
D11
ZD9
ZD6
ZD2
ZD1
ZD4
ZD5
ZD7
D4
D5
D6
D7
R1
R2
R3
R4
R5
R6
C2
R20
R21
R22
R53
R54
R55
R56
R27
R31
R33
R87
C39
C34
C35
C36
R49
R50
R51
R52
C37
C38
C12
C18
C3
C4
C5
C6
C9
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
R18
R19
R23
R24
R25
R26
R28
R29
R32

POWER PWB PATTERN [LT-32X506/S]

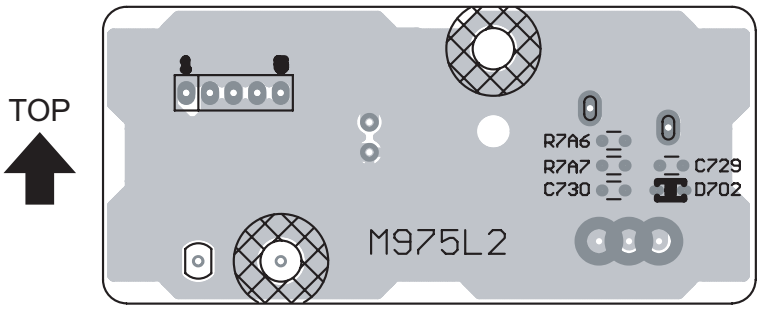
[PARTS SIDE]



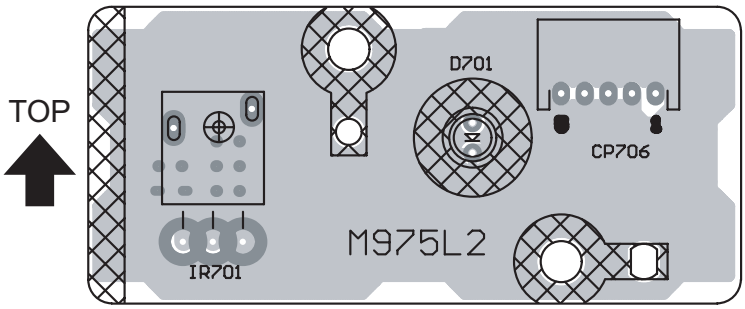

H7
HS4
H11
D14
D15
C41
C53
CN3
R60
C52
C44
24V
C42
C43
L4
L1
GND
U6
CY2
SC1
C50
H1
24V
GND
CN4
HS3
CN2
D9
H3
D8
Q8
H21
U3
12V
GND
C24
R38
R34
R34B
R48
C19
H24
5V
C22
GND
C20
C21A
C21B
SB
C25
P-ON
T3
C29
C26
L3
C27
C27B
CY1
U4
H8

TOP

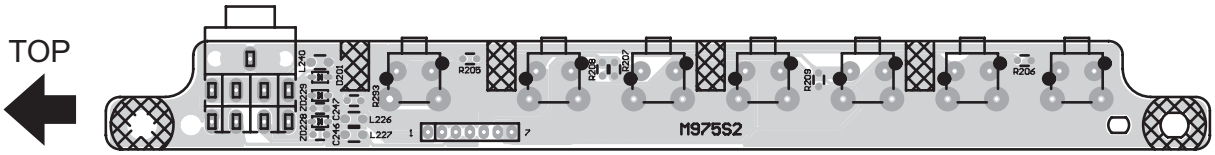
LED PWB PATTERN [SOLDER SIDE]



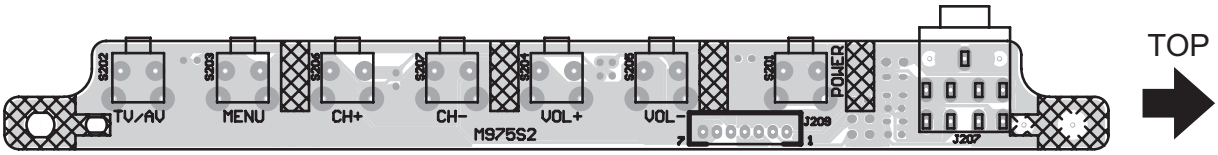
LED PWB PATTERN [PARTS SIDE]



KEY PWB PATTERN [SOLDER SIDE]



KEY BOARD PWB PATTERN [PARTS SIDE]



VOLTAGE CHARTS

<MAIN PWB>

MODE PIN NO.	DC (V)
IC401	
1	0.5
2	0.6
3	2.5
4	0.5
5	0.6
6	2.2
7	4.9
8	0
9	2.3
10	2.3
11	0
12	4.9
13	2.7
14	2.5
15	2.2
16	0.5
17	2.8
18	3.3
19	4.9
20	0.5
21	0.5
22	3.4
23	2.2
24	0.5
25	0.1
26	1.7
27	3.8
28	1.9
29	2.2
30	2.2
31	0.5
32	2.1
IC501	
1	4.4
2	4.9
3	4.4
4	4.9
5	4.3
6	0
7	4.4
8	4.9
9	4.4
10	4.9
11	4.3
12	0
13	4.4
14	4.9
15	4.9
16	0
17	3.8
18	3.8
19	0
20	4.2
21	0.2
22	5.0
23	4.1
24	4.1
25	5.0
26	4.3
27	4.2
28	9.0
29	3.5
30	4.9
31	4.6
32	0.9
IC502	
1	2.9
2	0.9
3	2.1
4	0
5	2.1
6	1.0
7	1.0
8	1.7
9	2.0
10	0
11	2.9
12	3.5
13	4.9
14	2.9
15	0
16	2.9
IC601	
1	5.5
2	5.5
3	5.6
4	5.6
5	1.3
6	0.4
7	5.4
8	0.4
9	0.4
10	0
11	11.1
12	0.5
13	0.4

MODE PIN NO.	DC (V)
14	4.3
15	0.4
16	5.6
17	0.5
18	5.6
19	5.6
20	0.5
IC602	
1	8.9
2	0.2
3	0.2
4	0.3
5	4.0
6	0.1
7	0.1
8	0.1
9	4.1
10	4.1
11	0.7
12	0.3
13	0.3
14	0.2
IC603	
1	11.9
2	11.9
3	0
4	4.9
5	16.9
6	23.9
7	11.9
8	0
IC604	
1	11.8
2	11.8
3	0
4	0.9
5	16.8
6	23.9
7	11.7
8	0
IC701	
1	0.2
2	0.3
3	0.4
4	0
5	0.2
6	2.5
7	5.0
8	0.4
9	4.5
10	2.1
11	0.3
12	4.9
13	4.9
14	3.2
15	2.6
16	0.3
17	0.2
18	4.6
19	0
20	0.3
21	0
22	0.1
23	4.7
24	0.3
25	3.7
26	0.3
27	0
28	0
29	4.4
30	0
31	4.6
32	4.9
33	0.3
34	0.2
35	4.9
36	5.0
37	0.4
38	0
39	0.3
40	4.9
41	0.3
42	0.3
43	5.0
44	0.3
45	0.3
46	0.3
47	0.3
48	0.3
IC702	
1	-
2	-
3	-0.2
4	0.7
5	0
6	0
7	-0.1

MODE PIN NO.	DC (V)
8	-
9	-
10	-0.3
11	-0.3
12	-0.3
13	-0.3
14	-0.3
15	-0.3
16	-0.3
IC704	
1	5.0
2	4.9
3	0
4	0.3
IC1801	
1	12.0
2	0.6
3	0.1
4	3.3
5	2.1
IC1803	
1	11.9
2	0
3	6.1
4	0
5	1.2
6	12.0
7	11.9
8	11.6
IC1805	
1	12.0
2	0
3	9.1
IC1806	
1	9.0
2	0.1
3	5.0
Q401	
E	2.0
C	0
B	0.6
Q501	
E	0
C	0
B	-0.6
Q502	
E	0
C	0
B	-0.6
Q503	
E	0
C	-0.5
B	0.1
Q504	
E	4.8
C	0
B	4.1
Q505	
E	4.8
C	0
B	4.2
Q506	
E	2.8
C	9.0
B	0.7
Q507	
E	3.6
C	9.0
B	4.2
Q508	
E	4.4
C	9.0
B	5.0
Q601	
E	4.5
C	-0.1
B	4.9
Q602	
E	0
C	4.9
B	0.1
Q603	
E	0
C	4.9
B	0.1
Q701	
E	0
C	4.6
B	0
Q702	
E	4.9
C	0.7
B	4.6
Q703	
E	1.7
C	4.8
B	2.4

MODE PIN NO.	DC (V)
Q704	
E	0.3
C	0.3
B	0.7
Q705	
E	2.4
C	0.2
B	1.7
Q706	
E	2.9
C	0.2
B	2.3
Q707	
E	4.3
C	5.0
B	4.9
Q708	
E	4.3
C	5.0
B	4.9
Q709	
E	0.4
C	0
B	0.2
Q710	
E	0.6
C	0
B	0.1
Q711	
E	0.6
C	0
B	0.1
TU401	
1	1.3
2	1.4
3	5.0
4	1.4
5	1.3
6	NC
7	1.6
8	0.8
9	0.8
10	3.8
11	3.8
12	2.0
13	2.3
14	0.9
15	28.9
16	0.9
17	1.4

<DIGITAL SIGNAL PWB>

MODE PIN NO.	DC (V)
IC1001	
1	3.2
2	2.5
3	2.6
4	2.7
5	2.5
6	0
7	0
8	2.5
9	0
10	0
11	3.2
12	1.8
13	1.7
14	1.7
15	2.4
16	1.6
17	1.7
18	1.6
19	1.6
20	2.4
21	3.2
22	1.8
23	1.7
24	1.7
25	1.7
26	1.7
27	1.7
28	2.4
29	1.7
30	0
31	1.6
32	2.4
33	3.2
34	2.3
35	2.3
36	1.6
37	2.4
38	1.6
39	1.8
40	1.6
41	2.3
42	0
43	3.2
44	0.9
45	3.2
46	2.3
47	0.6
48	2.2
49	2.3
50	0.6
51	0.8
52	0
53	2.8
54	3.1
55	0.7
56	0.6
57	1.4
58	0
59	0
60	2.3
61	2.3
62	0.5
63	2.3
64	0.9
65	2.3
66	0
67	1.0
68	0.1
69	2.2
70	0.7
71	0.7
72	2.2
73	2.2
74	2.1
75	2.2
76	2.3
77	2.2
78	2.2
79	2.2
80	2.3
81	2.4
82	2.4
83	2.3
84	2.3
85	2.3
86	2.3
87	2.3
88	2.3
89	2.3
90	2.4
91	2.3
92	2.3
93	2.3
94	2.3
95	2.2
96	2.3

MODE PIN NO.	DC (V)
97	2.3
98	2.3
99	2.3
100	0
101	2.2
102	2.3
103	1.4
104	2.2
105	2.2
106	0
107	0
108	0
109	0.1
110	0
111	2.5
112	0
113	3.2
114	3.2
115	3.6
116	3.6
117	0
118	3.2
119	3.5
120	3.6
121	0
122	2.5
123	2.9
124	3.0
125	3.2
126	3.2
127	0
128	0
129	0
130	0
131	0
132	0
133	2.5
134	0
135	3.2
136	3.2
137	0
138	2.4
139	0
140	0
141	2.5
142	2.5
143	0
144	0
145	0
146	0
147	2.5
148	0.1
149	0
150	0
151	2.5
152	3.2
153	2.4
154	0
155	0
156	0
157	1.0
158	1.3
159	2.3
160	3.2
161	0.5
162	0
163	3.2
164	0
165	1.5
166	0
167	0
168	3.2
169	1.5
170	1.5
171	3.0
172	3.2
173	2.4
174	0
175	0.1
176	2.5
177	0
178	2.3
179	2.3
180	2.2
181	0.7
182	0.7
183	0.6
184	0.6
185	0.5
186	0.5
187	0
188	1.1
189	0.6
190	0.5
191	0.5
192	0.4
193	0.3

MODE PIN NO.	DC (V)
194	0.8
195	0
196	1.0
197	2.2
198	2.3
199	0.7
200	0.7
201	0.7
202	0.6
203	1.0
204	2.1
205	0
206	1.1
207	1.4
208	2.1
IC1002	
1	0.1
2	0
3	0
4	0
5	0
6	0
7	6.4
8	0
9	5.0
10	0
11	9.1
12	1.4
13	0
14	0
15	0.1
16	3.1
17	0
18	0
19	4.7
20	0
21	3.8
22	3.9
23	0
24	2.5
25	5.1
26	2.5
27	0
28	3.2
29	4.8
30	1.6
IC1008	
1	3.2
2	0
3	-
IC1010	
1	0
2	1.3
3	1.4
4	1.5
5	1.4
6	1.3
7	1.4
8	1.3
9	1.3
10	0
11	3.2
12	1.3
13	1.3
14	1.3
15	1.3
16	1.3
17	1.3
18	1.3
19	1.3
20	0
21	0
22	3.2
23	3.2
24	0.1
25	0
26	3.2
27	3.2
28	0
29	0
30	3.1
31	3.1
32	0
33	3.2
34	3.2
35	3.2
36	0.2
37	0.1
38	0
39	3.2
40	0
41	0
42	3.2
43	1.5
44	0
45	3.0
46	3.2

MODE PIN NO.	DC (V)
47	0
48	1.3
49	1.1
50	0
51	3.2
52	3.2
53	0
54	1.4
55	3.2
56	2.5
57	2.5
58	1.3
59	3.2
60	0
61	0
62	3.2
63	0
64	1.3
65	3.1
66	1.5
67	1.2
68	1.5
69	3.2
70	1.3
71	1.3
72	1.3
73	1.3
74	1.4
75	1.3
76	1.3
77	1.3
78	3.2
79	3.2
80	1.5
IC1012	
1	3.2
2	1.7
3	1.5
IC1014	
1	3.2
2	1.4
3	2.5
IC1015	
1	3.2
2	1.5
3	1.6
4	1.5
5	2.1
6	2.0
7	1.5
8	2.0
9	3.2
10	1.7
11	1.5
12	1.5
13	0
14	1.5
15	1.5
16	1.4
17	3.2
18	1.5
19	1.4
20	1.5
21	0
22	1.4
23	1.5
24	1.5
25	0
26	3.2
27	2.1
28	2.2
29	0
30	3.2
31	1.5
32	0
33	0
34	3.2
35	0
36	0
37	1.2
38	1.2
39	1.2
40	1.2
41	1.2
42	1.2
43	0
44	3.2
45	1.1
46	1.1
47	1.2
48	1.1
49	0
50	1.4
51	1.4
52	1.5
53	0
54	1.0

MODE PIN NO.	DC (V)
55	2.0
56	1.2
IC1016	
1	9.1
2	1.8
3	12.0
IC1019	
1	0
2	0
3	1.1
4	0
5	1.1
6	3.8
7	0
8	5.0
Q1001	
E	3.0
C	4.9
B	3.6
Q1002	
E	3.0
C	1.2
B	3.6
Q1003	
E	3.0
C	4.9
B	3.7
Q1004	
E	2.9
C	4.9
B	3.6
Q1005	
E	3.0
C	4.9
B	3.6
Q1006	
E	1.4
C	2.5
B	1.8
Q1007	
E	2.9
C	4.9
B	3.7
Q1008	
E	3.0
C	4.9
B	3.6
Q1009	
E	3.0
C	4.9
B	3.6
Q1010	
E	2.8
C	0
B	2.2
Q1011	
E	2.8
C	0
B	2.2
Q1012	
E	2.9
C	0
B	1.3
Q1013	
E	1.3
C	0
B	2.2
Q1014	
E	2.8
C	1.4
B	1.4
Q1015	
E	2.9
C	1.3
B	2.3
Q1016	
E	2.9
C	0
B	1.3
Q1017	
E	1.3
C	1.2
B	2.2
Q1020	
D	2.4
G	3.9
S	2.8
Q1021	
D	2.4
G	3.8
S	1.3
Q1023	
D	0
G	0
S	3.1
Q1024	
E	3.6

MODE PIN NO.	DC (V)
C	0
B	3.0
Q1025	
E	-0.5
C	-0.5
B	-0.2
Q1026	
D	0
G	11.9
S	0
Q1027	
D	-0.3
G	-0.2
S	0
Q1028	
D	-0.3
G	5.0
S	-0.2
Q1029	
D	3.2
G	5.0
S	3.0
Q1030	
D	0.1
G	0
S	3.2
Q1031	
D	0
G	0.1
S	1.8
Q1032	
D	0
G	0
S	3.2
Q1033	
D	0
G	0.1
S	3.2

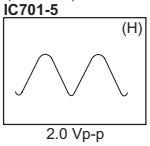
<XXXXX>

MODE PIN NO.	DC (V)
Q1	
E	0
C	0
B	0.6
Q2	
E	8.5
C	13.8
B	8.6
Q3	
E	8.5
C	0
B	8.5
Q4	
D	88.5
S	0
G	8.2
Q5	
D	386.4
S	0
G	1.1
Q6	
E	13.8
C	13.8
B	13.1
Q7	
E	0
C	14.6
B	0
Q8	
D	5.0
S	4.9
G	12.3
Q9	
E	0
C	12.3
B	0
Q10	
E	2.0
C	13.7
B	2.2
Q11	
E	2.0
C	0
B	2.2
Q12	
D	386.6
S	0
G	1.7
Q13	
E	5.0
C	5.0
B	4.3
Q14	
E	0
C	14.5
B	-0.7
PC1	
1	4.6
2	3.6
3	0
4	0.8
PC2	
1	22.1
2	21.1
3	0
4	1.5
PC3	
1	1.0
2	0
3	0
4	0.1

WAVEFORMS

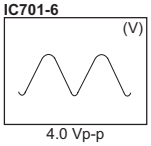
MAIN PWB (2/5)
(SHEET2)

IC701-5



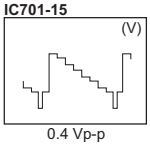
2.0 Vp-p

IC701-6



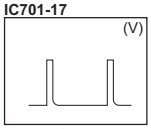
4.0 Vp-p

IC701-15



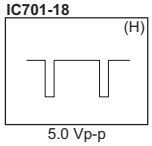
0.4 Vp-p

IC701-17



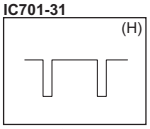
5.0 Vp-p

IC701-18



5.0 Vp-p

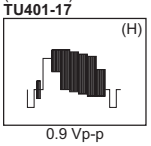
IC701-31



4.2 Vp-p

MAIN PWB (4/5)
(SHEET4)

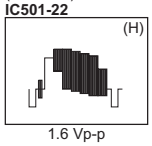
TU401-17



0.9 Vp-p

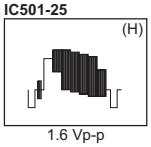
MAIN PWB (5/5)
(SHEET5)

IC501-22



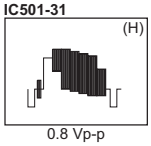
1.6 Vp-p

IC501-25



1.6 Vp-p

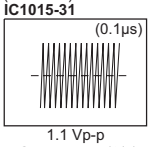
IC501-31



0.8 Vp-p

DIGITAL PWB (1/4)
(SHEET6)

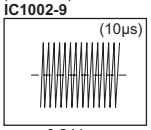
IC1015-31



1.1 Vp-p

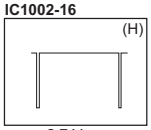
DIGITAL PWB (2/4)
(SHEET7)

IC1002-9



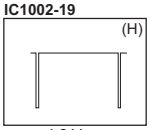
0.2 Vp-p

IC1002-16



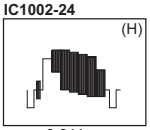
2.7 Vp-p

IC1002-19



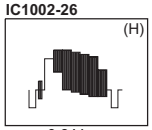
4.2 Vp-p

IC1002-24



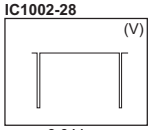
0.8 Vp-p

IC1002-26



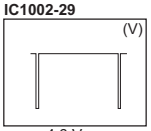
0.8 Vp-p

IC1002-28



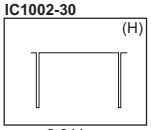
3.0 Vp-p

IC1002-29



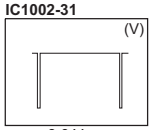
4.6 Vp-p

IC1002-30



2.6 Vp-p

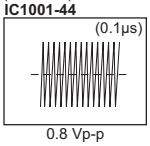
IC1002-31



3.0 Vp-p

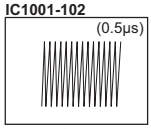
DIGITAL PWB (3/4)
(SHEET8)

IC1001-44



0.8 Vp-p

IC1001-102

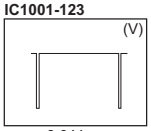


4.0 Vp-p

IC1001-103

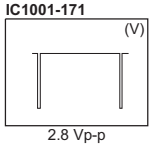
4.0 Vp-p

IC1001-123



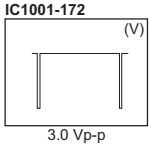
3.0 Vp-p

IC1001-171



2.8 Vp-p

IC1001-172



3.0 Vp-p

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